



REPUBLIC OF SOUTH AFRICA
GOVERNMENT GAZETTE
STAATSKOERANT
VAN DIE REPUBLIEK VAN SUID-AFRIKA

REGULATION GAZETTE No. 3494

REGULASIEKOERANT No. 3494

PRICE (GST included) 30c PRYS (AVB ingesluit)

Registered at the Post Office as a Newspaper

ABROAD 40c BUITELANDS

As 'n Nuusblad by die Poskantoor Geregistreer

POST FREE • POSVRY

Vol. 208

PRETORIA, 8 OCTOBER 1982
OKTOBER

No. 8410

GOVERNMENT NOTICES

**DEPARTMENT OF HEALTH
AND WELFARE**

No. R. 2126

8 October 1982

HAZARDOUS SUBSTANCES ACT, 1973
(ACT 15 OF 1973)

**REGULATIONS GOVERNING THE CONVEYANCE OF
HAZARDOUS SUBSTANCES BY ROAD TANKER**

The Minister of Health and Welfare intends, by virtue of the powers vested in him by section 29 (1) of the Hazardous Substances Act, 1973, to make the regulations contained in the Schedule hereto.

Interested persons are invited to submit any *substantiated* comments on the proposed regulations, or any representations they may wish to make in regard thereto, to the Director-General: Health and Welfare, Private Bag X63, Pretoria, 0001 (for the attention of the Director: Consumer Goods), within three months of the date of publication of this notice.

**SCHEDULE
CHAPTER 1**

Definitions

1. In these regulations "the Act" shall mean the Hazardous Substances Act, 1973 (Act 15 of 1973), and any expression to which a meaning has been assigned in the Act shall bear such meaning and, unless inconsistent with the context—

(i) "Annexure" shall mean an annexure to these regulations bearing the number specified; (i)

(ii) "conveyor" shall mean in relation to any road tanker, the person who makes use of such tanker for the conveyance of a grouped hazardous substance by road; (xvi)

(iii) "emergency action code", in relation to a grouped hazardous substance, shall mean the code reflected in the third column of Part I of Annexure 1 opposite the name of the substance and substance identification number in the first and second columns respectively of that Part or, where the substance is also reflected in the first column of Part II of Annexure 1, the alternative code reflected in the third

GOEWERMENTSKENNISGEWINGS

**DEPARTEMENT VAN GESONDHEID
EN WELSYN**

No. R. 2126

8 Oktober 1982

WET OP GEVAARHOUDENDE STOWWE, 1973
(WET 15 VAN 1973)

**REGULASIES BETREFFENDE DIE VERVOER VAN
GEVAARHOUDENDE STOWWE PER PADTENKWA**

Die Minister van Gesondheid en Welsyn is voornemens om kragtens die bevoegdheid hom verleen by artikel 29 (1) van die Wet op Gevaarhoudende Stowwe, 1973, die regulasies in die Bylae hiervan uit te vaardig.

Belanghebbende persone word versoek om binne drie maande na die datum van publikasie van hierdie kennisgewing enige *gemotifeerde* kommentaar of vertoë in verband met die voorgestelde regulasies aan die Direkteur-generaal: Gesondheid en Welsyn, Privaatsak X63, Pretoria, 0001, te stuur vir aandag van die Direkteur: Verbruiksgoedere.

BYLAE

HOOFSTUK 1

Woordomskrywing

1. In hierdie regulasies beteken "die Wet" die Wet op Gevaarhoudende Stowwe, 1973 (Wet 15 van 1973), en, tensy uit die samehang anders blyk, het 'n uitdrukking waaraan daar in die Wet 'n betekenis geheg is, daardie betekenis, en beteken—

(i) "Aanhangsel" 'n genommerde aanhangsel van hierdie regulasies; (i)

(ii) "bedien" die bestuur sowel as algemene bediening van 'n tenkwa; (x)

(iii) "enkelvrag" 'n vrag wat uit slegs een gegroepeerde gevaarhoudende stof bestaan, ongeag of 'n stof wat nie gevaarhoudende stof is nie terselfdertyd in 'n meervragtenkwa vervoer word al dan nie; (xiv)

(iv) "gegroepeerde gevaarhoudende stof" 'n stof aange-
dui in die eerste kolom van Deel I van Aanhangsel 1; (iv)

(v) "geneesheer" iemand wat as sodanig geregistreer is kragtens die Wet op Geneeshere, Tandartse en Aanvullende Gesondheidsdiensberoepe, 1974; (vii)

column of the said Part II corresponding to the name of the substance and the alternative substance identification number in the first and second columns respectively of that Part (the meanings of the letters and numbers that constitute the codes reflected in Parts I and II of Annexure 1 being indicated in Part III of that Annexure); (x)

(iv) "grouped hazardous substance" shall mean a grouped hazardous substance indicated in the first column of Part I of Annexure 1; (iv)

(v) "hazard warning", in relation to a grouped hazardous substance, shall mean the warning reflected in the fourth column of Part I of Annexure 1 opposite the name of the substance and substance identification number in the first and second columns respectively of that Part; (vi)

(vi) "hazard warning sign" shall mean the sign reflected, in relation to a hazard warning, in Annexure 3; (vii)

(vii) "medical practitioner" shall mean a person registered as such in terms of the Medical, Dental and Supplementary Health Service Professions Act, 1974; (v)

(viii) "multi-load" shall mean a load consisting of two or more grouped hazardous substances in separate compartments or tanks (whether or not a substance which is not a grouped hazardous substance is being conveyed at the same time); (viii)

(ix) "multiload emergency action code" shall mean an emergency action code for a multi-load determined in accordance with Annexure 2; (ix)

(x) "operate" shall mean drive as well as generally operate of a road tanker; (ii)

(xi) "operator" shall mean the person responsible for the loading, off-loading and transfer of grouped hazardous substance from a distribution depot to a road tanker, from a road tanker to a distribution depot and from one vehicle to another vehicle; (xi)

(xii) "road" shall mean a public road as defined in the Road Traffic Ordinances in force in the different Provinces of the Republic of South Africa from time to time; (xii)

(xiii) "road tanker" shall mean a goods vehicle which has one or more temporary or permanent tanks or a tank or tanks made up of compartments with a total capacity of not less than 500 litres, which forms part of or is attached to it, other than a tank used solely for the operation of the vehicle as a means of transport; (xiii)

(xiv) "single load" shall mean a load consisting of only one grouped hazardous substance, whether or not a substance which is not a grouped hazardous substance is being conveyed on a multi-load tanker at the same time; (iii)

(xv) "substance identification number", in relation to a grouped hazardous substance, shall mean the number reflected in column 2 of Part I of Annexure 1 opposite the name of the substance in column 1 of that Part or, where the substance is also reflected in column 1 of Part II of Annexure 1, the alternative substance identification number specified in column 2 of the said Part II corresponding to the name of the substance; (xiv)

(xvi) "tank" shall mean a container having a full capacity in excess of 500 litres, used for transporting grouped hazardous substances, and mounted permanently or temporarily on a vehicle other than for the purpose of supplying fuel for propulsion of the vehicle and includes a tank having two or more compartments. (xv)

(vi) "gevaarwaarskuwing", met betrekking tot 'n gegroepeerde gevaarhoudende stof, die waarskuwing wat in die vierde kolom van Deel I van Aanhangsel 1 teenoor die naam en die stofidentifikasienommer in onderskeidelik die eerste en die tweede kolom van daardie Deel aangedui word; (v)

(vii) "gevaarwaarskuwingsteken" die teken in verband met 'n gevaarwaarskuwing wat in Aanhangsel 3 weergegee word; (vi)

(viii) "meervrag" 'n vrag wat bestaan uit twee of meer gegroepeerde gevaarhoudende stowwe in afsonderlike kompartemente of tenks, ongeag of 'n stof wat nie 'n gegroepeerde gevaarhoudende stof is nie terselfdertyd vervoer word al dan nie; (viii)

(ix) "meervragnoodhandelingskode" 'n noodhandelingskode vir 'n meervrag bepaal ooreenkomstig Aanhangsel 2; (ix)

(x) "noodhandelingskode" met betrekking tot 'n gegroepeerde gevaarhoudende stof, die kode wat in die derde kolom van Deel I van Aanhangsel 1 teenoor die naam van die stof en die stof se identifikasienommer in onderskeidelik die eerste en tweede kolom van daardie Deel aangedui word, of, waar die stof ook in die eerste kolom van Deel II van Aanhangsel 1 aangedui word, die alternatiewe kode wat in die derde kolom van genoemde Deel II teenoor die naam van die stof en alternatiewe stofidentifikasienommer in onderskeidelik die eerste en tweede kolom van daardie Deel genoem word (die letters en nommers waaruit die kodes in Deel I en II van Aanhangsel 1 saamgestel is, se betekenis is soos aangedui in Deel III van daardie Aanhangsel); (ii)

(xi) "operator" die persoon verantwoordelik vir die oplaai, aflaai en verplasing van gegroepeerde gevaarhoudende stowwe van 'n verspreidingsdepot af na 'n padtenkwa van 'n padtenkwa af na 'n verspreidingsdepot en van een voertuig af na 'n ander voertuig; (xi)

(xii) "pad" 'n publieke of openbare pad soos omskryf in die padverkeersordonnansies wat van tyd tot tyd in die onderskeie Provinsies van die Republiek van Suid-Afrika van krag is; (xii)

(xiii) "padtenkwa" 'n goederevoertuig wat een of meer tydelike of permanente tenks of 'n tenk of tenks wat uit verskillende kompartemente met 'n totale inhoudsmaat van nie minder as 500 liter, het, wat deel uitmaak daarvan of daaraan vasgeheg is, met die uitsluiting van 'n tenk wat alleenlik vir die werking van die voertuig as 'n middel van vervoer gebruik word; (xiii)

(xiv) "stofidentifikasienommer" met betrekking tot 'n gegroepeerde gevaarhoudende stof, die nommer aangedui in die tweede kolom van Deel I van Aanhangsel 1 teenoor die naam van die stof in die eerste kolom van daardie Deel, of, in 'n geval waar die stof ook in die eerste kolom van Deel II van Aanhangsel 1 aangedui word, die alternatiewe stofidentifikasienommer wat in die tweede kolom van genoemde Deel II teenoor die naam van die stof aangedui word; (xv)

(xv) "tenk" 'n houer met 'n vol inhoudsmaat van 500 liter of meer, aangewend vir die vervoer van gegroepeerde gevaarhoudende stowwe, en wat permanent of tydelik aan die voertuig vasgeheg is vir 'n ander doel as om brandstof vir aandrywing aan die voertuig te lewer, en sluit 'n tenk met twee of meer kompartemente in; (xvi)

(xvi) "vervoerder", met betrekking tot enige padtenkwa, die persoon wat van 'n padtenkwa gebruik maak vir die vervoer van 'n gegroepeerde gevaarhoudende stof per pad. (ii)

CHAPTER 2**Labelling*****Prohibition of transport of grouped hazardous substances by road tanker unless labelled***

2. (1) No person shall transport a grouped hazardous substance on a road by means of a road tanker unless such tanker is labelled as prescribed in these regulations for the conveyance by road of any such substance, except, where such road tanker is being used solely for conveying a grouped hazardous substance from—

(i) another road tanker that has been damaged as a result of an accident occurring on a public road, or has broken down on a public road, or

(ii) a rail truck that has been damaged or derailed or has broken down on a railway track other than a siding on which it was loaded;

and such road tanker is being escorted by a vehicle used for police, traffic police or fire service purposes.

(2) For the purpose of these regulations a road tanker shall be deemed to be used for the conveyance by road of a grouped hazardous substance throughout the period from the commencement of loading for the purpose of conveying that substance by road until the tank or compartment used for that purpose has been cleaned or purged so that it is free from the substance and its vapour, whether or not it is on a road at the material time.

Particulars to be displayed on a road tanker used for the conveyance of a single load***Hazard warning panels***

3. (1) A road tanker used for the conveyance by road of a single load shall display hazard warning panels in accordance with regulation 4 and paragraphs 1 to 3 and 5 of Part I, and Part II of Annexure 4.

(2) A hazard warning panel for a single load shall reflect—

(a) the emergency action code for the substance which constitutes the load;

(b) the substance identification number for that substance;

(c) the appropriate hazard warning sign; and

(d) the telephone number or other text indicating where specialist advice can be obtained at all times.

(3) In addition to the compulsory particulars set out in subregulation (2), a hazard warning panel may reflect—

(a) the name (or one of the names) of the grouped hazardous substance specified in the first column of Annexure 1 and constituting the load, and, if such name is included, also the trade name of the said substance; and

(b) the name of the manufacturer or distributor of the said substance or his trademark or both;

and, if so incorporated, such information shall comply with the provisions of Annexure 4.

Composition, position, maintenance and removal of hazard warning panels for single loads

4. (1) The hazard warning panels provided in accordance with regulation 3 (1) shall be three in number, one at the rear of the road tanker and one on either side of such tanker.

(2) Each such hazard warning panel shall be—

(a) weather-resistant and indelibly marked on one side only in accordance with the specification in paragraphs 1 to 3 of Part I and in Part II of Annexure 4;

HOOFTSTUK 2**Etikettering*****Verbod op die vervoer van gegroepeerde gevaarhoudende stowwe met 'n padtenkwa tensy dit geëtiketteer is***

2. (1) Geen persoon mag 'n gegroepeerde gevaarhoudende stof per padtenkwa per pad vervoer nie tensy sodanige padtenkwa geëtiketteer is soos voorgeskryf in hierdie regulasies vir die vervoer per pad van enige sodanige stof, uitgesonderd waar die padtenkwa uitsluitlik gebruik word vir die vervoer van 'n gegroepeerde gevaarhoudende stof—

(i) van 'n ander padtenkwa af wat as gevolg van 'n ongeluk op 'n pad beskadig is of wat op 'n pad onklaar geraak het, of

(ii) van 'n spoortenkwa af wat beskadig is of ontspoor het of onklaar geraak het op 'n spoorweg wat nie deel uitmaak van 'n sylyn waarop dit gelaai is nie;

en dié padtenkwa deur 'n voertuig van die polisie, verkeerspolisie of brandweerdienste begelei word.

(2) Vir die doeleindes van hierdie regulasies word 'n padtenkwa geag gebruik te word vir die vervoer per pad van 'n gegroepeerde gevaarhoudende stof vir die hele tydskedule, van die aanvang van die laai-proses met die doel om daardie stof per pad te vervoer totdat die tenk of kompartement wat vir daardie doel gebruik word, skoongemaak of gereinig is sodat dit vry is van die stof en sy dampe, ongeag of dit vir bedoelde tydperk op 'n pad is al dan nie.

Besonderhede wat vertoon moet word op 'n padtenkwa wat gebruik word om 'n enkelvrug te vervoer***Gevaarwaarskuwingspanele***

3. (1) 'n Padtenkwa wat vir die vervoer per pad van 'n enkelvrug gebruik word, moet die gevaarwaarskuwingspanele vertoon ooreenkomstig regulasie 4 en paragrawe 1 tot 3 en 5 van Deel I, en Deel II van Aanhangsel 4.

(2) 'n Gevaarwaarskuwingspaneel vir 'n enkelvrug moet die volgende vertoon:

(a) Die noodhandelingskode vir die stof wat die vrug uitmaak;

(b) die stofidentifikasienommer vir die betrokke stof;

(c) die toepaslike gevaarwaarskuwingsteken; en

(d) die telefoonnommer of ander inligting wat moet aandi waar deskundige advies te alle tye verkry kan word.

(3) Benewens die verpligte besonderhede voorgeskryf in subregulasie (2), kan die gevaarwaarskuwingspaneel die volgende vertoon:

(a) Die naam (of een van die name) van die gegroepeerde gevaarhoudende stof soos aangedui in die eerste kolom van Aanhangsel 1 wat die vrug uitmaak, en, indien die naam bygevoeg is, die handelsnaam van die stof; en

(b) die naam van die vervaardiger of verspreider van die stof of sy handelsmerk of beide;

en indien dit aldus bygevoeg word, moet sodanige inligting aan die voorwaardes van Aanhangsel 4 voldoen.

Samestelling, posisie, onderhoud en verwydering van gevaarwaarskuwingspanele by enkelvrugte

4. (1) Die gevaarwaarskuwingspanele wat ooreenkomstig regulasie 3 (1) aangebring word, moet uit altesaam drie bestaan—een aan die agterkant van die padtenkwa en een aan elke sykant daarvan.

(2) Elke sodanige gevaarwaarskuwingspaneel moet—

(a) weerbestand wees en ontuitwisbaar aan een kant gemerk wees ooreenkomstig die spesifikasie in paragrawe 1 tot 3 van Deel I en in Deel II van Aanhangsel 4;

(b) either rigid or fixed or attached so as to become rigid;

(c) in the case of a side panel, securely attached in a substantially vertical plane to the tank or to the vehicle either directly or by means of a suitable frame, with—

(i) its forward edge as close as is practicable to the front of the tank; and

(ii) its lower edge at least one metre from ground level;

(d) in the case of a rear panel, securely attached—

(i) in a substantially vertical plane to the tank or to the vehicle either directly or by means of a suitable frame or, where the construction of a vehicle is such that this is not practicable, in some other manner so as to be clearly visible, and

(ii) with its lower edge at least one metre from ground level;

(e) kept clean and free from obstruction, except that a rear panel may be mounted behind a ladder of light construction which does not prevent the information thereon from being easily read.

(3) Where a road tanker has had its tank emptied and cleaned or purged so as to be free from the grouped hazardous substance or its vapour, the operator shall ensure that all hazard warning panels are either—

(a) completely covered or completely removed; and

(b) partly covered or partly removed so as to leave visible only the telephone number or other text required by regulation 3 (2) (d).

Particulars to be displayed on a road tanker used for the conveyance of a multi-load

Hazard warning panels

5. (1) A road tanker used for the conveyance by road of a multi-load shall, subject to regulation 7, display hazard warning panels in accordance with regulation 8 and paragraphs 1, 2, 4 and 5 of Part I, and Part II of Annexure 4.

(2) A hazard warning panel for a multi-load shall reflect—

(a) the appropriate multi-load emergency action code;

(b) the word “multi-load”;

(c) the appropriate hazard warning sign; and

(d) the telephone number or other text indicating where specialist advice can be obtained at all times.

(3) In addition to the compulsory particulars set out in subregulation (2), a hazard warning panel for a multi-load may reflect the name of the manufacturer or distributor of the substance or his trademark or both, and if so incorporated shall comply with the provisions of Annexure 4.

Compartment labels

6. (1) In addition to the requirements of regulation 5, each tank on, or compartment of a tank on, the vehicle containing a grouped hazardous substance and conveying a multi-load shall be labelled with compartment labels in accordance with regulation 8 and paragraphs 5 to 9 of Part I, and Part II of Annexure 4.

(b) of onbuigsaam wees of sodanig vasgeheg word sodag dit onbuigsaam word;

(c) in die geval van 'n sypaneel, stewig aan die tenk of aan die voertuig vasgeheg wees op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam, met—

(i) die voorste sykant so na as doenlik aan die voorkant van die tenk; en

(ii) die onderste sykant ten minste een meter bo grondhoogte;

(d) in die geval van 'n agterpaneel, stewig aan die tenk of aan die voertuig vasgeheg wees—

(i) op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam, of, waar die voertuig se konstruksie dit nie toelaat nie, dit op 'n ander wyse sodat dit duidelik sigbaar is; en

(ii) met die onderste sykant ten minste een meter bo grondhoogte;

(e) skoongehou word en onversper wees, met die uitsondering dat 'n agterpaneel agter 'n leer van 'n ligte konstruksie wat nie die lees van die inligting daarop bemlemmer nie, gemonteer kan word.

(3) Nadat 'n padtenkwa se tenk leeggemaak en skoon-gemaak of gereinig is sodat dit vry is van die gegroepeerde gevaarhoudende stof of van die dampe daarvan, moet die operateur sorg dat die gevaarwaarskuwingspanele—

(a) of geheel en al bedek of geheel en al verwyder word; of

(b) gedeeltelik bedek of gedeeltelik verwyder word sodat slegs die telefoonnommer of ander teks vereis deur regulasie 3 (2) (d) sigbaar is.

Besonderhede wat op padtenkwaens vertoon moet word wat gebruik word vir die vervoer van meervragte

Gevaarwaarskuwingspanele

5. (1) 'n Padtenkwa wat vir die vervoer per pad van 'n meervrag gebruik word, moet, behoudens regulasie 7, die gevaarwaarskuwingspanele vertoon ooreenkomstig regulasie 8 en paragrawe 1, 2, 4 en 5 van Deel I, en Deel II van Aanhangsel 4.

(2) 'n Gevaarwaarskuwingspaneel vir 'n meervrag moet die volgende besonderhede vertoon:

(a) Die toepaslike noodhandelingskode vir die meervrag,

(b) die woord “meervrag”;

(c) die toepaslike gevaarwaarskuwingstekens; en

(d) die telefoonnommer of ander inligting wat moet aandui waar deskundige advies te alle tye verkry kan word.

(3) Benewens die verpligte besonderhede voorgeskryf in subregulasie (2), kan die gevaarwaarskuwingspaneel die naam van die vervaardiger of verspreider van die stof of sy handelsmerk of beide vertoon, en indien dit aldus bygevoeg word, moet sodanige inligting aan die voorwaardes van Aanhangsel 4 voldoen.

Kompartement-etiketette

6. (1) Aanvullend by die bepalings van regulasie 5 moet elke tenk, of kompartement van 'n tenk, bo-op die voertuig wat 'n gegroepeerde gevaarhoudende stof bevat en 'n meervrag vervoer, geëtiketteer word met kompartement-etiketette ooreenkomstig regulasie 8 en paragrawe 5 tot 9 van Deel I, en Deel II van Aanhangsel 4.

(2) A compartment label for a multi-load shall reflect—

(a) the appropriate substance identification number for the substance and, if desired, the name (or one of the names) of the substance as specified in column 1 of Part I of Annexure 1 and, if that name is included, the trade name of the substance may also be reflected; and

(b) where any other tank or compartment contains a grouped hazardous substance of a different hazard, the appropriate hazard warning sign.

Exception in respect of a road tanker treated as conveying a single load

7. Where by virtue of paragraph 4 of Annexure 2 a road tanker is being treated as conveying a single load, regulations 5, 6 and 8 shall not apply, but regulations 3 and 4 shall apply: Provided that the substance identification number and the emergency action code shall be ascertained from the said paragraph 4.

Composition, position, maintenance and removal of hazard warning panels and compartment labels for multi-loads

8. (1) The hazard warning panels provided in accordance with regulation 5 (1) shall be three in number, one at the rear of the road tanker and one on either side of such tanker.

(2) Each such hazard warning panel shall be—

(a) weather-resistant and indelibly marked, on one side only, in accordance with the specification in paragraphs 1, 2 and 4 of Part I, and Part II of Annexure 4;

(b) either rigid or fixed or attached so as to become rigid;

(c) in the case of a side panel, securely attached in a substantially vertical plane to the tank or to the vehicle either directly or by means of a suitable frame with—

(i) its forward edge as close as is practicable to the front of the tank; and

(ii) its lower edge at least one metre from the ground;

(d) in the case of a rear panel, securely attached to the tank or to the vehicle—

(i) in a substantially vertical plane, either directly or by means of a suitable frame or, where the construction of the vehicle is such that this is not practicable, in such other manner as to be clearly visible; and

(ii) with its lower edge at least one metre from ground level.

(3) The compartment labels provided in accordance with subregulation (1) shall be two in number, one on either side of the vehicle, and each such label shall be—

(a) weather-resistant and indelibly marked, on one side only, in accordance with the specification in paragraphs 6 to 9 of Part I, and II of Annexure 4; and

(b) either rigid or fixed or attached so as to become rigid;

(c) securely attached to the tank or to the vehicle in a substantially vertical plane either directly or by means of a suitable frame as close as is practicable to a position midway between the front and the rear of the compartment or tank.

(2) 'n Kompartement-etiket vir 'n meervrag moet die volgende vertoon:

(a) Die toepaslike stofidentifikasienommer vir die stof en, indien dit verlang word, die naam (of een van die name) van die stof soos gespesifiseer in die eerste kolom van Deel I van Aanhangsel 1 en indien dié naam ingesluit word, kan die handelsnaam van die stof ook vertoon word; en

(b) indien 'n ander tenk of kompartement 'n gegroepeerde gevaarhoudende stof bevat wat 'n ander gevaar inhou, die toepaslike gevaarwaarskuwingsteken.

Uitsondering in geval van 'n padtenkwa wat beskou word 'n enkelvrag te vervoer

7. Indien 'n padtenkwa ooreenkomstig paragraaf 4 van Aanhangsel 2 geag word 'n enkelvrag te vervoer, is regulasies 5, 6 en 8 nie van toepassing wees nie, maar is regulasies 3 en 4 van toepassing: Met dien verstande dat die stofidentifikasienommer en die noodhandelingskode ooreenkomstig genoemde paragraaf 4 bepaal word.

Samestelling, plek, onderhoud en verwydering van gevaarwaarskuwingspanele en kompartement-etikette vir meervragte

8. (1) Die gevaarwaarskuwingspanele wat ooreenkomstig regulasie 5 (1) aangebring word, moet uit altesaam drie bestaan—een aan die agterkant van die padtenkwa en een aan elke sykant daarvan.

(2) Elke sodanige gevaarwaarskuwingspaneel moet—

(a) weerbestand wees en onuitwisbaar aan een kant gemerk wees ooreenkomstig die spesifikasie in paragrafe 1, 2, en 4 van Deel I en in Deel II van Aanhangsel 4;

(b) of onbuigsaam wees of sodanig vasgeheg word sodat dit onbuigsaam word;

(c) in die geval van 'n sypaneel, stewig aan die tenk of aan die voertuig vasgeheg wees op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam, met—

(i) die voorste sykant so na as doenlik aan die voorkant van die tenk; en

(ii) die onderste sykant ten minste een meter bo grondhoogte;

(d) in die geval van 'n agterpaneel stewig aan die tenk of aan die voertuig vasgeheg wees—

(i) in 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n geskikte raam, of, indien die voertuig se konstruksie dit nie toelaat nie, op 'n ander wyse sodat dit duidelik sigbaar is; en

(ii) met die onderste sykant ten minste een meter bo grondhoogte.

(3) Die kompartement-etikette wat ooreenkomstig subregulasie (1) aangebring word, moet uit altesaam twee bestaan—een aan elke sykant van die voertuig—en elke sodanige etiket moet—

(a) weerbestand wees en onuitwisbaar aan een kant gemerk wees ooreenkomstig die spesifikasie in paragrafe 6 tot 9 van Deel I en in Deel II van Aanhangsel 4; en

(b) of onbuigsaam wees of sodanig vasgeheg word sodat dit onbuigsaam word;

(c) stewig aan die tenk of aan die voertuig vasgeheg wees op 'n wesentlik vertikale vlak, of op 'n direkte wyse of deur middel van 'n raam so naby doenlik aan 'n posisie halfpad tussen die voor- en agterkant van die kompartement of tenk.

(4) Hazard warning panels and compartment labels shall be kept clean and free from obstruction, except that a rear panel may be mounted behind a ladder of light construction which does not prevent the information thereon from being easily read.

(5) Where a road tanker—

(a) has had one or more of its compartments, or in the case of separate tanks, one or more of its tanks, emptied and cleaned or purged so as to be free from a grouped hazardous substance or its vapour, the operator shall ensure that—

(i) the compartment label referring to such compartment or tank is completely covered or completely removed; and

(ii) the hazard warning panels are changed to those appropriate for the load being carried at the time, whether that load is a single or a multi-load;

(b) has had all its compartments or tanks emptied and cleaned or purged so as to be free from any grouped hazardous substance or its vapour the operator shall ensure that the hazard warning panels are either—

(i) completely covered or completely removed; or

(ii) partly covered or partly removed so as to leave visible only the telephone number or other approved text required by regulation 5 (2) (d).

CHAPTER 3

General

Duty of the consignor of a grouped hazardous substance

9. The consignor of any grouped hazardous substance not being the conveyor himself and requiring such substance to be conveyed by road shall ensure that the conveyor has such information as is necessary to enable him to prepare the appropriate hazard warning panels and compartment labels in accordance with these regulations.

Duties of a conveyor

10. The conveyor of a grouped hazardous substance by road tanker shall ensure—

(a) that the driver of such road tanker, before he operates such road tanker on a road—

(i) is in possession of a legally valid driver's licence as well as any other legally valid permit, document or thing pertaining to such vehicle and issued by any competent authority in the Republic in terms of any law applicable to the issuing of such licence, document or thing authorising such driver to operate such road tanker on a road;

(ii) has, during the period of 12 months preceding the date on which operation of such road tanker is undertaken, been declared by a medical practitioner to be medically and mentally fit to operate and be in command of such road tanker: Provided that such examination shall, apart from the annual examination contemplated in this subregulation, also be conducted after such driver has recovered from any illness that may have resulted in his being medically or mentally unfit to operate such road tanker;

(4) Gevaarwaarskuwingspaneel en kompartement-etiket moet skoon en onversper gehou word, met die uitsondering dat 'n agterpaneel agter 'n leer van ligte konstruksie wat nie die lees van die inligting daarop belemmer nie, gemonteer kan word.

(5) Nadat—

(a) een of meer van die kompartemente van 'n padtenkwa, of in die geval van afsonderlike tenks, een of meer van die tenks, leeggemaak en skoongemaak of gereinig is sodat dit vry is van 'n gegroepeerde gevaarhoudende stof of van die damp daarvan, moet die operateur sorg dat—

(i) die kompartement-etiket wat na sodanige gereinigde kompartement of tenk verwys, geheel en al bedek of geheel en al verwyder word; en

(ii) die gevaarwaarskuwingspaneel verwissel word met toepaslikes vir die vrag wat dan vervoer sal word, of sodanige vrag ook al 'n enkelvrag of meervrag is;

(b) alle kompartemente of tenks van 'n padtenkwa leeggemaak en skoongemaak of gereinig is sodat dit vry is van 'n gegroepeerde gevaarhoudende stof of die dampe daarvan, moet die operateur sorg dat die gevaarwaarskuwingspaneel—

(i) of geheel en al bedek of geheel en al verwyder word;

(ii) of gedeeltelik bedek of gedeeltelik verwyder word sodat slegs die telefoonnommer of ander goedgekeurde teks vereis deur regulasie 5 (2) (d) sigbaar is.

HOOFSTUK 3

Algemeen

Verantwoordelikheid van die afsender van 'n gegroepeerde gevaarhoudende stof

9. Die afsender van 'n gegroepeerde gevaarhoudende stof wat nie self die vervoerder is nie en wat vereis dat sodanige stof per pad vervoer word, moet sorg dat die vervoerder oor die nodige inligting beskik om hom in staat te stel om die toepaslike gevaarwaarskuwingspaneel en kompartement-etiket ooreenkomstig hierdie regulasies voor te berei.

Verantwoordelikheid van die vervoerder

10. Die vervoerder van gegroepeerde gevaarhoudende stof per padtenkwa moet seker maak—

(a) dat die bestuurder van sodanige padtenkwa, alvorens hy die padtenkwa op 'n pad bestuur—

(i) in besit is van 'n geldige rybewys sowel as enige ander wetsgeldige permit, dokument of ding wat op sodanige voertuig betrekking het en wat uitgereik is deur 'n bevoegde instansie in die Republiek kragtens enige toepaslike wet ingevolge waarvan die lisensie, permit, dokument of ding die bestuurder magtig om sodanige padtenkwa op 'n pad te bedien;

(ii) binne die tydperk van 12 maande wat die datum waarop die bediening van sodanige padtenkwa onderneem word direk voorafgaan, deur 'n geneesheer geneeskundig en geestelik geskik bevind is om sodanige padtenkwa te beheer en te bedien: Met dien verstande dat sodanige geneeskundige ondersoek, afgesien van die jaarlikse mediese ondersoek in hierdie subregulasie bedoel, ook uitgevoer word nadat sodanige bestuurder herstel het van 'n siekte wat hom geneeskundig of geestelik ongeskik gemaak het om 'n sodanige padtenkwa te bedien;

(iii) is in possession of—

(aa) a copy of these regulations and any amendment thereof;

(bb) a Transport emergency card (Trem card) as shown in Part II of Annexure 5;

(cc) a Scalecard as shown in Part I of Annexure 5; and

(dd) a medical and driver training certificate as illustrated in Part III of Annexure 5;

(iv) has received—

(aa) a manual pertaining to these regulations as well as to all aspects concerning the safe handling of all grouped hazardous substances;

(bb) practical training with regard to the safe handling of a road tanker conveying a grouped hazardous substance and action and steps to be taken where an accident or breakdown of such tanker occurs in transit;

(b) that an accident report as indicated in Annexure 6 be completed and forwarded to the Department of Transport in the event where a road tanker transporting a grouped hazardous substance is involved in an accident.

Duties of the driver of a road tanker

11. The driver of a road tanker which is being used for the conveyance by road of a grouped hazardous substance shall ensure that—

(a) during operation of such tanker on a road all hazard warning panels, compartment labels, trem cards, a scale card and a copy of these regulations are fitted, displayed or kept to hand as the case may be on or in such tanker as required by these regulations and that such hazard warning panels and compartment labels are kept clean and legible and, subject to regulations 4 (2) and 6 (3), free from obstruction from the time a grouped hazardous substance is loaded into such tanker until such substance is off-loaded at its point of destination;

(b) he has been examined in terms of regulation 10 (a) (ii); and

(c) he has his driver's licence, permit or other documents mentioned in regulation 10 (a) (i) readily available on his person or in such tanker for inspection purposes.

Duties of the operator

12. The operator is responsible for the safe loading, off-loading and transfer of grouped hazardous substances and shall ensure that—

(a) the substance to be loaded, off-loaded or transferred corresponds to the particulars displayed on the road tanker;

(b) no spillages occur, or if a spillage does occur, it is dealt with in accordance with standing safety rules of the firm or company as reflected on the Transport Emergency Card (Trem card).

Penalties

13. Any person who contravenes or fails to comply with any provision of these regulations shall be guilty of an offence and liable—

(a) on a first conviction, to a fine not exceeding R500 or to imprisonment for a period not exceeding six months or to both such fine and such imprisonment;

(b) on a second conviction, to a fine not exceeding R1 000 or to imprisonment for a period not exceeding 12 months or to both such fine and such imprisonment; and

(iii) in besit is van—

(aa) 'n afskrif van hierdie regulasies en alle wysigings daarvan;

(bb) 'n Vervoernoodkaart soos uiteengesit in Deel II van Aanhangel 5;

(cc) 'n Skaalkaart soos uiteengesit in Deel I van Aanhangel 5; en

(dd) 'n mediese en bestuurdersopleidingsertifikaat soos getoon in Deel III van Aanhangel 5;

(iv) die volgende ontvang het:

(aa) 'n handleiding wat betrekking het op hierdie regulasies sowel as op alle aspekte van die veilige hantering van gegroepeerde gevaarhoudende stowwe; en

(bb) praktiese opleiding met betrekking tot die veilige hantering van 'n padtenkwa wat 'n gegroepeerde gevaarhoudende stof vervoer en die nodige optrede en stappe wat gedoen moet word in geval van 'n ongeluk of onklaarraking van 'n padtenkwa tydens vervoer;

(b) dat 'n ongeluksverslag soos uiteengesit in Aanhangel 6 voltooi en aan die Departement van Vervoer gestuur word indien 'n padtenkwa wat 'n gegroepeerde gevaarhoudende stof vervoer in 'n ongeluk betrokke was.

Verantwoordelikheid van die bestuurder van 'n padtenkwa

11. Die bestuurder van 'n padtenkwa wat vir die vervoer per pad van 'n gegroepeerde gevaarhoudende stof gebruik word, moet seker maak dat—

(a) alle gevaarwaarskuwingspanele, kompartement-etikette, vervoernoodkaarte, 'n skaalkaart en 'n afskrif van hierdie regulasies tydens die bediening van sodanige padtenkwa op 'n pad vasgeheg, vertoon of ter hand is, na gelang van die geval, soos vereis deur hierdie regulasies, en dat sodanige gevaarwaarskuwingspanele en kompartement-etikette skoon en leesbaar is en ingevolge regulasies 4 (2) en 6 (3) onversper gehou word van die tydstop af dat die gegroepeerde gevaarhoudende stof in sodanige padtenkwa gelaai word totdat die eindbestemming bereik is en sodanige stof afgelaai is;

(b) hy ingevolge regulasie 10 (a) (ii) ondersoek is; en

(c) hy sy bestuurderslisensie, permit of ander dokument bedoel in regulasie 10 (a) (i) vir inspeksiedoeleindes by hom persoonlik of in sodanige padtenkwa beskikbaar het.

Verantwoordelikheid van die operateur

12. Die operateur is verantwoordelik vir die veilige laai, aflaai en oorpasing van gegroepeerde gevaarhoudende stowwe en moet seker maak dat—

(a) die stof wat gelaai, afgelaai of oorgeplaas word, ooreenstem met die besonderhede wat op die padtenkwa vertoon word; en dat

(b) geen storting plaasvind nie, of indien storting wel plaasvind, dat die situasie hanteer word ooreenkomstig die bestaande beveiligingsreëls van die firma of maatskappy soos dit op die Vervoernoodkaart verskyn.

Strafbepalings

13. 'n Persoon wat 'n bepaling van hierdie regulasies oortree, of versuim om daaraan te voldoen, is aan 'n misdryf skuldig en is by skuldigbevinding strafbaar—

(a) by 'n eerste skuldigbevinding, met 'n boete van hoogstens R500 of met gevangenisstraf vir 'n tydperk van hoogstens ses maande of met sodanige boete sowel as sodanige gevangenisstraf;

(b) by 'n tweede skuldigbevinding, met 'n boete van hoogstens R1 000 of met gevangenisstraf vir 'n tydperk van hoogstens 12 maande of met sodanige boete sowel as sodanige gevangenisstraf; en

(c) on a third or subsequent conviction, to a fine not exceeding R2 000 or to imprisonment for a period not exceeding 24 months or to both such fine and such imprisonment.

(c) by 'n derde of daaropvolgende skuldigbevinding, met 'n boete van hoogstens R2 000 of met gevangenisstraf vir 'n tydperk van hoogstens 24 maande of met sodanige boete sowel as sodanige gevangenisstraf.

ANNEXURE 1

PART 1

In this Part, "N.O.S." where it appears in the first column shall mean "not otherwise specified", and the entries in the third column shall be interpreted in accordance with Part III.

Where a letter in column 3 appears in a square ☐ it must be regarded as a white letter on a black background and column 3 shall be interpreted in accordance with Part III.

Name of substance	Substance identification number	Emergency action code	Hazard warning
Acetal.....	1088	3 ☐ Y E	Flammable liquid
Acetaldehyde (aldehyde).....	1089	2 Y E	Flammable liquid
Acetaldehyde ammonia.....	1841	1 Y	Other hazardous substance
Acetic anhydride.....	1715	2 P	Corrosive substance
Acetone.....	1090	2 ☐ Y E	Flammable liquid
Acetone cyanohydrin.....	1541	2 X E	Toxic substance
Acetyl bromide.....	1716	4 W E	Corrosive substance
Acetyl chloride.....	1717	4 W E	Corrosive substance
Acetylene, dissolved.....	1001	2 ☐ S E	Flammable gas
Acetyl iodide.....	1898	2 R	Corrosive substance
Acid butyl phosphate.....	1718	2 X	Corrosive substances
Acid mixtures, hydrofluoric and sulphuric.....	1786	4 W E	Corrosive substances
Acid mixtures, nitrating acid.....	1796	4 W E	Corrosive substances
Acid mixtures (nitrating acid) spent, free from explosives.....	1826	2 P	Corrosive substances
Acrolein (acetaldehyde), inhibited.....	1092	2 W E	Flammable liquid
Acrolein Dimer, stabilised (2-formyl-3, 4-dihydro-2H-pyran).....	2607	2 ☐ S	Flammable liquid
Acrylamide.....	2074	2 P E	Toxic substance
Acrylic acid, inhibited.....	2218	2 P	Corrosive substance
Acrylonitrile, inhibited.....	1093	3 W E	Flammable liquid
Adiponitrile (1,4-dicyanobutane, tetramethylene cyanide).....	2205	3 X	Toxic substance
Air, compressed.....	1002	2 ☐ T	Non-flammable compressed gas
Air, refrigerated, liquid.....	1003	2 P	Non-flammable compressed gas
Alcohol, denatured (methylated spirit).....	1095	2 ☐ S E	Flammable liquid
Alcohol, industrial.....	1096	2 ☐ S E	Flammable liquid
Alkyl, aryl and toluene sulphuric acids, liquid, gelling, containing not more than 5% of free sulphuric acid.....	2586	2 X	Corrosive substances
Alkyl, aryl and toluene sulphuric acids, liquid, non-gelling, containing not more than 5% of free sulphuric acid.....	2586	2 R	Corrosive substances
Allyl acetate.....	2333	3 W E	Flammable liquid
Allyl alcohol.....	1098	2 P E	Flammable liquid
Allylamine.....	2334	2 W E	Flammable liquid
Allyl bromide.....	1099	2 W E	Flammable liquid
Allyl chloride (3-chloropropene).....	1100	3 W E	Flammable liquid
Allyl chloroformate.....	1722	2 W E	Corrosive substance
Allyl formate.....	2336	3 W E	Flammable liquid
Allyl glycidyl ether.....	2219	2 S	Flammable liquid
Allyl iodide.....	1723	2 W E	Corrosive substance
Allyl trichlorosilane, stabilised.....	1724	4 W E	Corrosive substance
alpha-Chloropropionic acid.....	2511	2 R	Corrosive substance
alpha-Pinene.....	2368	3 ☐ Y	Corrosive substance
alpha-Methyl valeraldehyde.....	2367	3 Y E	Flammable liquid
Aluminium bromide, anhydrous.....	1725	4 X	Corrosive substance
Aluminium chloride, anhydrous.....	1726	4 X	Corrosive substance

Name of substance	Substance identification number	Emergency action code	Hazard warning
Aluminium triethyl	1102	4 W E	Substance liable to spontaneous combustion
Aluminium trimethyl	1103	4 W E	Substance liable to spontaneous combustion
Ammonia, anhydrous, liquefied and ammonia solutions having a density (specific gravity) of less than 0.880 at 15 °C in water, containing over 50% ammonia	1005	2 P E	Toxic gas
Ammonia solutions containing more than 10% but not more than 35% ammonia and having a specific gravity at 15 °C from 0.957 to 0.880 in water	2672	2 P	Toxic substances
Ammonia solutions having a density (specific gravity) of less than 0.880 at 15 °C in water, containing more than 35% but not more than 50% ammonia	2073	2 P E	Non-flammable compressed gas
Ammonium nitrate, containing not more than 0,2% of combustible substances, including any organic substances calculated as carbon, to the exclusion of any other added substance	1942	1 S	Oxidising substance other than an organic peroxide
Ammonium nitrate liquid (hot concentrated solution)	2426	1 P	Oxidising substance other than an organic peroxide
Amyl acetate	1104	3 Y	Flammable liquid
Amyl alcohols (primary and secondary)	1105	3 Y	Flammable liquids
Amyl alcohol, tertiary (2 Methyl butan -2-ol)		2 S E	Flammable liquid
Amylamine	1106	2 P E	Flammable liquid
Amyl chloride	1107	3 Y E	Flammable liquid
Amylene, normal (1-Pentene)	1108	3 Y E	Flammable liquid
Amyl formate	1109	3 Y	Flammable liquid
Amyl mercaptan	1111	3 W E	Flammable liquid
Amyl methyl ketone (Methyl amyl ketone)	1110	3 Y	Flammable liquid
Amyl nitrate	1112	3 Y	Flammable liquid
Amyl nitrite	1113	3 Y E	Flammable liquid
Amyltrimethylsilane	1728	4 X E	Corrosive substance
Aniline (Aniline oil, phenylamine, aminobenzene)	1547	3 X	Toxic substance
Anisole	2222	3 Y	Flammable liquid
Anisoyl chloride	1729	2 X	Corrosive substance
Antimony pentachloride (Antimony perchloride), liquid	1730	4 X	Corrosive substances
Antimony pentafluoride	1732	4 W E	Corrosive substance
Antimony pentachloride (Antimony perchloride), liquid	1730	4 X	Corrosive substance
Antimony trichloride (Antimonious chloride, caustic antimony, butter of antimony, mineral butter)	1733	4 W E	Corrosive substance
Argon, compressed	1006	2 T	Non-flammable compressed gas
Argon, refrigerated liquid	1951	2 R E	Non-flammable compressed gas
Arsenic acid, liquid	1553	2 X	Toxic substance
Arsine (Hydrogen arsenide)	2188	2 P E	Toxic gas
Battery fluid (electrolyte)	1735	2 R	Corrosive substance
Benzaldehyde	1990	3 Z	Flammable liquid
Benzene (Benzol)	1114	3 W E	Flammable liquid
Benzene thiol (thiophenol)	2337	3 W E	Flammable liquid
Benzine	1115	3 W E	Flammable liquid
Benzotrichloride	2226	2 X	Toxic substance
Benzotrifluoride	2338	2 Y E	Flammable liquid
Benzoyl chloride	1736	2 X	Corrosive substance
Benzyl bromide	1737	2 X	Corrosive substance
Benzyl chloride	1738	2 W	Toxic substance
Boron trichloride	1741	4 W E	Toxic gas
Boron trifluoride	1008	4 W E	Toxic gas
Boron trifluoride acetic acid complex	1742	2 W E	Corrosive substance
Boron trifluoride diethyl etherate	2604	4 W E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Brake fluid, hydraulic	1118	3 Y	Flammable liquid
Bromine and solutions of bromine	1744	2 X E	Corrosive substances
Bromine pentafluoride	1745	4 W E	Corrosive substance
Bromine trifluoride	1746	4 W E	Corrosive substance
Bromoacetic acid	1938	2 R	Corrosive substance
Bromoacetyl bromide	2513	4 W E	Corrosive substance
Bromobenzene	2514	2 Z	Flammable liquid
2-Bromobutane	2339	2 Y E	Flammable liquid
Bromopropanes (isopropyl bromide)	2344	2 Y E	Flammable liquids
Bromotrifluoroethylene	2419	2 X E	Non-flammable compressed gas
Bromotrifluoromethane	1009	2 R E	Non-flammable compressed gas
Butadiene, inhibited	1010	2 W E	Flammable gas
Butanedione	2346	2 S	Flammable liquid
Butane or butane mixtures	1011	2 W E	Flammable gas
Butane-1-Thiol	2347	3 W E	Flammable liquid
Butanol (Butyl alcohol)	1120	3 Y	Flammable liquid
Secondary Butanol (Secondary Butyl alcohol)	1121	2 S	Flammable liquid
Tertiary Butanol (Tertiary Butyl alcohol)	1122	2 S E	Flammable liquid
Butyl acetate, normal	1123	3 Y E	Flammable liquid
Secondary Butyl acetate	1124	3 Y E	Flammable liquid
Butylacrylate	2348	3 Y	Flammable liquid
Butylamine, normal	1125	2 W E	Flammable liquid
Butyl Benzene (2-Methyl-2-Phenylpropane 1- Phenylbutane: 2-Phenylbutane)	2709	3 Y	Flammable liquid
Butyl bromide, normal	1126	2 Y E	Flammable liquid
Butylene (Butene)	1012	2 W E	Flammable gas
Butyl formate, normal	1128	3 Y E	Flammable liquid
n-Butyl methacrylate	2227	3 Y	Flammable liquid
Butyl nitrite	2351	3 Y E	Flammable liquid
n-Butyl peroxydicarbonate, maximum concentration 52% in solution	2169	2 W E	Flammable liquid
Butyl Toluences (p-tert-Butyl Toluene)	2667	3 Z	Toxic substances
Butyltrichlorosilane	1747	4 W E	Corrosive substances
Butyl vinyl ether	2352	3 Y E	Flammable liquid
Butyraldehyde	1129	3 W E	Flammable liquid
Butyronitrile	2411	3 W E	Flammable liquid
Butyryl chloride	2353	2 P E	Flammable liquid
Caesium hydroxide	2682	2 R	Corrosive substance
Caesium hydroxide solution	2681	2 R	Corrosive substance
Calcium carbide (carbide of calcium)	1402	4 Y	Substance which, in contact with water, emits a flammable gas
Calcium chlorate	1452	1 S	Oxidising substance other than an organic peroxide
Calcium chlorate solution	2429	2 S	Oxidising substance other than an organic peroxide
Calcium hypochlorite, dry; including mixtures containing more than 39% available chlorine (8.8% av. oxygen)	1748	2 P E	Oxidising substance other than an organic peroxide
Calcium nitrate	1454	1 T	Oxidising substance other than an organic peroxide
Camphor oil	1130	3 Y	Flammable liquid
Carbamate pesticides (Compounds and preparations), liquid, toxic, N.O.S. flash point below 32 °C, water immiscible	2758	3 W E	Toxic substances
Carbamate pesticides (Compounds and preparations), liquid, toxic, N.O.S. flash point below 32 °C, water miscible, including CRONETON	2758	2 W E	Toxic substances

Name of substance	Substance identification number	Emergency action code	Hazard warning
Carbamate pesticides (Compounds and preparations), toxic, N.O.S. water immiscible	2757	3 W	Toxic substances
Carbamate pesticides (Compounds and preparations), toxic, N.O.S. water miscible, including ETHIOFENCARB AND YALTOX	2757	2 W	Toxic substances
Carbon dioxide	1013	2 X E	Non-flammable compressed gas
Carbon dioxide and ethylene oxide mixtures containing not more than 10% carbon dioxide	1041	2 P E	Flammable gas
Carbon dioxide and ethylene oxide mixtures containing not more than 17% ethylene oxide	1952	2 P E	Flammable gas
Carbon dioxide and nitrous oxide mixtures	1015	2 R E	Non-flammable compressed gas
Carbon dioxide and oxygen mixtures	1014	2 S	Non-flammable compressed gas
Carbon dioxide (Carbonic anhydride), refrigerated liquid	2187	2 X E	Non-flammable compressed gas
Carbon disulphide (Carbon bisulphide)	1131	3 W E	Flammable liquids
Carbon monoxide	1016	2 S E	Flammable gas
Carbon monoxide/Hydrogen mixtures (Fischer Tropsch gas, Synthesis gas, Blau gas, Water gas)	2600	2 S E	Gases compressed, liquefied or dissolved under pressure
Carbon tetrachloride	1846	2 Z	Toxic substance
Carbonyl fluoride	2417	2 P E	Toxic gas
Carbonyl sulphide (carbon oxysulphide)	2204	2 W E	Flammable gas
Caustic alkali liquids N.O.S.	1719	2 R	Corrosive substance
Chlorine	1017	2 X E	Toxic gas
Chlorine trifluoride	1749	4 W E	Toxic gas
Chloroacetic acid (Monochloroacetic acid), liquid	1750	2 R	Corrosive substance
Chloroacetic acid, solid	1751	2 R	Corrosive substance
Chloroacetyl chloride	1752	4 W E	Corrosive substance
Chloroaniline, liquid	2019	2 X	Toxic substance
Chlorobenzene (Monochlorobenzene)	1134	2 Y	Flammable liquid
Chlorobenzotrifluoride	2234	2 Y	Flammable liquid
Chlorobutanes (1-Chlorobutane, Butyl chloride normal 2-Chlorobutane)	1127	3 Y E	Flammable liquid
Chlorocresol	2669	2 X	Toxic substance
Chlorodifluoroethane	2537	2 W E	Non-flammable compressed gas
1,1,1-Chlorodifluoroethane	2517	2 W E	Non-flammable compressed gas
Chlorodifluoromethane (Monochlorodifluoromethane)	1018	2 R E	Non-flammable compressed gas
Chlorodinitrobenzene (Dinitrochlorobenzene)	1577	2 W	Toxic substance
Chloroform	1888	2 Z	Toxic substance
Chloronitrobenzene	1578	2 X	Toxic substance
Chloro-ortho-nitrotoluene	2433	2 X	Toxic substance
Chloropentafluoroethane	1020	2 R E	Non-flammable compressed gas
Chlorophenates (chlorophenols), liquid	2021	2 X	Toxic substances
Chlorophenates (chlorophenols), solid	2020	2 X	Toxic substances
Chlorophenyl trichlorosilane	1753	4 X E	Corrosive substance
Chloropicrin (Trichloronitromethane)	1580	2 X E	Toxic substance
Chloroprene, inhibited	1991	3 W E	Flammable liquid
2-Chloropropane (Isopropyl chloride)	2356	3 Y E	Flammable liquid
Chlorosulphonic acid (with or without sulphur trioxide)	1754	4 W E	Corrosive substances
Chlorotetrafluoroethane	1021	2 R E	Non-flammable compressed gas
Chlorotoluene	2238	3 Y	Flammable liquid
Chlorotrifluoromethane (Trifluorochloromethane)	1022	2 R E	Non-flammable compressed gas
Chromic acid solution	1755	2 X	Corrosive substance
Chromic fluoride, solid	1756	2 X	Corrosive substance
Chromic fluoride solution	1757	2 X	Corrosive substance
Chromium oxychloride	1758	4 W	Corrosive substance
Coal gas	1023	2 S E	Flammable gas

Name of substance	Substance identification number	Emergency action code	Hazard warning
Coal tar distillate with a flash point equal to or below 32 °C (90 °F)	1136	3 W E	Flammable liquid
Coal tar distillate with a flash point above 32 °C (90 °F) but less than 61 °C (141 °F)	1137	3 W	Flammable liquid
Cresols (ortho-meta- and para-)	2076	2 X	Toxic substances
Cresylic acid	2022	2 X	Toxic substance
Crotonaldehyde, stabilised (beta-methyl acrolein, 2-butanol crotonic aldehyde)	1143	2 W E	Flammable liquid
Crotonylene	1144	3 ☐ Y E	Flammable liquid
Cumene hydroperoxide, technical pure	2116	2 W	Organic peroxide
Cyanide solutions	1935	2 X	Toxic substances
Cyanogen chloride	1589	2 W E	Toxic gas
Cyclobutane (Tetramethylene)	2601	3 W E	Gases compressed, liquefied or dissolved under pressure
Cycloheptane	2241	3 ☐ Y E	Flammable liquid
Cycloheptene	2242	3 ☐ Y E	Flammable liquid
Cyclohexane	1145	3 ☐ Y E	Flammable liquid
Cyclohexanone	1915	3 ☐ Y	Flammable liquid
Cyclohexene	2256	3 ☐ Y E	Flammable liquid
Cyclohexenyltrichlorosilane	1762	4 X E	Corrosive substance
Cyclohexyl acetate	2243	3 ☐ Y	Flammable liquid
Cyclohexylamine	2357	3 W E	Flammable liquid
Cyclohexyltrichlorosilane	1763	4 X E	Corrosive substance
Cyclooctadiene	2520	3 ☐ Y	Flammable liquid
Cyclopentane	1146	3 ☐ Y E	Flammable liquid
Cyclopentanol	2244	3 ☐ Y	Flammable liquid
Cyclopentanone	2245	3 ☐ Y	Flammable liquid
Cyclopentene	2246	3 ☐ Y E	Flammable liquid
Cyclopropane, liquefied	1027	2 W E	Flammable gas
p-Cymene (Cymol, Methylpropylbenzene, isopropyltoluene, isopropyltoluol)	2046	3 ☐ Y	Flammable liquid
Decahydronaphthalene (Decalin)	1147	3 ☐ Z	Flammable liquid
n-Decane	2247	3 ☐ Y	Flammable liquid
Deuterium (Heavy hydrogen)	1957	2 ☐ S E	Flammable gas
Diacetone alcohol	1148	2 ☐ S E	Flammable liquid
Diallylamine	2359	2 P E	Flammable liquid
Diallylether	2360	3 W E	Flammable liquid
4, 4-Diaminodiphenylamine	7001	2 Z	Other hazardous substance
4,4-Diaminodiphenyl Methane (p,p-Methylene dianiline)	2651	2 Z	Toxic substance
Diborane	1911	2 P E	Flammable gas
Dibromobenzene (Metadibromobenzene, 1,3 Dibromobenzene)	2711	2 ☐ Z	Flammable liquids
Di (n-butyl) amine	2248	3 W	Corrosive substance
Dibutyl ethers (Butyl ethers)	1149	3 ☐ Y	Flammable liquids
Dichloroacetic acid	1764	2 R	Corrosive substance
Dichloroacetyl chloride	1765	4 W E	Corrosive substance
O-Dichlorobenzene (Orthodichlorobenzene)	1591	2 Z	Toxic substance
Dichlorodifluoromethane	1028	2 R E	Non-flammable compressed gas
1,1-Dichloroethane	2362	2 Y E	Flammable liquid
Dichloroethylene	1150	3 Y E	Flammable liquid
Dichloroethyl ether	1916	2 W	Toxic substance
Dichloromethane (Methylene chloride)	1593	2 Z	Toxic substance
Dichloromonofluoromethane	1029	2 R E	Non-flammable compressed gas
Dichloropentane	1152	E ☐ Y	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Dichloropropene	2047	2 W	Flammable liquid
Dichlorosilane	2189	4 W E	Toxic gas
Dichlorotetrafluoroethane (Tetrafluorodichloroethane)	1958	2 R E	Non-flammable compressed gas
Dicycloheptadiene	2251	3 Y	Flammable liquid
Dicylopentadiene	2048	3 Y	Flammable liquid
1,2-Diethoxyethane (Ethylene glycol diethyl ether)	1153	3 Y	Flammable liquid
Diethyl aluminium chloride (Aluminium diethylmonochloride)	1101	4 W E	Substance liable to spontaneous combustion
Diethylamine	1154	2 W E	Flammable liquid
Diethylaminoethanol (N,N-Diethylethanolamine)	2686	2 S	Flammable liquid
N,N-Diethyl aniline	2432	3 X	Toxic substance
Diethylbenzene	2049	3 Y	Flammable liquid
Diethyl carbonate	2366	3 Y	Flammable liquid
Diethylcarbinol (3-Pentanol)	2706	3 Y	Flammable liquid
Diethylenetriamine	2079	2 X	Corrosive substance
Diethyl ether (Ethyl ether, anaesthetic ether, sulphuric ether)	1155	3 Y E	Flammable liquids
Diethyl ketone	1156	3 Y E	Flammable liquid
Diethyl sulphate (Ethyl sulphate)	1594	2 X	Toxic substance
Diethyl sulphide	2375	3 Y E	Flammable liquid
Difluoroethane	1030	2 W E	Flammable gas
1,1 Difluoroethylene	1959	2 P E	Toxic gas
Difluoromonoethane	1031	2 W E	Flammable gas
Difluorophosphoric acid, anhydrous	1768	2 X E	Corrosive substance
2,3-Dihydropyran	2376	2 Y E	Flammable liquid
Diisobutylamine	2361	3 W E	Flammable liquid
Di-isobutylene isomeric compounds (alpha-diisobutylene beta-diisobutylene 2,4,4- Trimethyl-pentene -1,2,4,4- Trimethyl-pentene -2)	2050	3 Y	Flammable liquids
Diisobutyl ketone	1157	3 Y	Flammable liquid
Diisopropylamine	1158	3 W E	Flammable liquid
Diisopropylbenzene hydroperoxide, maximum concentration 72% in solution	2171	2 W E	Flammable liquid
Diisopropyl ether	1159	3 Y E	Flammable liquid
Diketene, inhibited	2521	2 S	Flammable liquid
1,2-Dimethoxyethane	2252	2 S E	Flammable liquid
Dimethylamine, anhydrous	1032	2 P E	Flammable liquid
Dimethylamine solution	1160	2 P E	Flammable liquid
2,3-Dimethylbutane	2457	3 Y E	Flammable liquid
Dimethyl carbonate	1161	3 Y E	Flammable liquid
Dimethylcyclohexane	2263	3 Y E	Flammable liquid
Dimethylcyclohexylamine	2264	3 W	Corrosive substance
Dimethyldichlorosilane	1162	4 W E	Flammable liquid
Dimethylethanolamine (Deanol, 2-Dimethylaminoethanol)	2051	2 S	Flammable liquid
Dimethyl ether	1033	2 W E	Flammable gas
N,N-Dimethylformamide	2265	2 P	Toxic substance
Dimethylhydrazine, unsymmetrical	1163	2 W E	Flammable liquid
2,2-dimethyl-propane (Neopentane) other than pentane and its isomers	2044	2 W E	Gases: Compressed, liquefied or dissolved under pressure
Dimethyl sulphate (Methyl sulphate)	1595	2 X E	Toxic substance
Dimethyl sulphide	1164	3 Y E	Flammable liquid
Dinitrobenzene	1597	2 W	Toxic substance
Dinitrotoluene, liquid	1600	2 W	Toxic substance
Dioxane	1165	2 S E	Flammable liquid
Dioxolane	1166	2 P E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Dipentene (Cajeputene Cinene di-paramentha-1,8-diene, Limonene, inactive)	2052	3 ☒ Y	Flammable liquid
Diphenyldichlorosilane	1769	4 W E	Corrosive substance
Dipropylamine	2383	2 P E	Flammable liquid
Diquat	7003	2 R	Toxic substance
Divinyl ether	1167	3 Y E	Flammable liquid
Epichlorohydrin	2023	2 W	Toxic substance
Ethane, compressed	1035	2 P E	Flammable gas
Ethane, refrigerated liquid	1961	2 W E	Flammable gas
Ethanolamine and solutions thereof	2491	2 T	Corrosive substance
Ethanol (Ethyl alcohol)	1170	2 ☒ S E	Flammable liquid
2-Ethoxyethanol (Ethylene glycol monoethyl ether)	1171	2 S	Flammable liquid
2-Ethoxyethyl acetate (Ethylene glycol monoethyl ether acetate)	1172	2 ☒ S	Flammable liquid
Ethyl acetate	1173	3 ☒ Y E	Flammable liquid
Ethyl acetylene (But-1-yne)	2452	2 W E	Flammable gas
Ethyl acrylate, inhibited	1917	3 W E	Flammable liquid
Ethylamine 50-70% solution in water	2270	2 P E	Flammable liquid
Ethylamine (monoethylamine)	1036	2 P E	Flammable gas
Ethyl amyl ketone	2271	3 ☒ Y	Flammable liquid
Ethylbenzene	1175	3 ☒ Y E	Flammable liquid
Ethyl borate (Triethyl borate)	1176	2 ☒ S E	Flammable liquid
Ethyl bromide	1891	3 Y E	Toxic substance
2-Ethylbutanol	2275	3 ☒ Y	Flammable liquid
Ethylbutyl acetate	1177	3 ☒ Y	Flammable liquid
Ethyl butyl ether (Butyl ethyl ether)	1179	3 ☒ Y E	Flammable liquid
2-Ethylbutyraldehyde	1178	3 Y E	Flammable liquid
Ethyl butyrate	1180	3 ☒ Y	Flammable liquid
Ethyl chloride (chloroethane)	1037	3 W E	Flammable gas
Ethyl chloroacetate	1181	2 W	Toxic substance
Ethyl chloroformate (Ethyl chlorocarbonate)	1182	2 W E	Flammable liquid
Ethyl crotonate	1862	3 ☒ Y E	Flammable liquid
Ethyldichlorosilane	1183	4 W E	Flammable liquid
Ethylene	1962	2 P E	Flammable gas
Ethylene chlorohydrin (2-Chloroethanol)	1135	2 W	Toxic substance
Ethylenediamine (1,2-Diaminoethane)	1604	2 P	Corrosive substance
Ethylene dibromide	1605	2 X	Toxic substance
Ethylene dichloride (1-2-Dichloroethane)	1184	2 Y E	Flammable liquid
Ethylene glycol monomethyl ether acetate	1189	2 ☒ S	Flammable liquid
Ethylene glycol monomethyl ether (Methyl glycol)	1188	2 ☒ S	Flammable liquid
Ethyleneimine, inhibited	1185	2 W E	Flammable liquid
Ethylene oxide (Oxirane, Epoxyethane) containing not more than 0,2% Nitrogen	104C	2 P E	Flammable gas
Ethylene, refrigerated liquid	1038	2 W E	Flammable gas
Ethyl formate	1190	3 Y E	Flammable liquid
Ethyl hexaldehyde	1191	3 ☒ Y	Flammable liquid
Ethyl lactate	1192	3 ☒ Y	Flammable liquid
Ethyl mercaptan (Ethanethiol)	2363	3 Y E	Flammable liquid
Ethyl methacrylate	2277	3 ☒ Y E	Flammable liquid
Ethyl methyl ether	1039	2 P E	Flammable gas
Ethyl methyl ketone (Methyl ethyl ketone) (Methyl ethyl ketone Butanone)	1193	2 ☒ Y E	Flammable liquid
Ethyl nitrite solutions	1194	2 Y E	Flammable liquids
1-Ethyl piperidine	2386	3 W E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Ethyl propionate.....	1195	3 ☒ Y E	Flammable liquid
Ethyl Propyl Ether (Ethoxy Propane-1).....	2615	3 ☒ Y E	Flammable liquid
Ethyltrichlorosilane.....	1196	4 W E	Flammable liquid
Ferric chloride (iron chloride, iron perchloride, iron sesquichloride).....	1773	2 R	Corrosive substance
Fluoboric acid (Hydrofluoboric acid).....	1775	2 X	Corrosive substance
Fluorine.....	1045	2 P E	Toxic gas
Fluorophosphoric acid, anhydrous.....	1776	2 X E	Corrosive substance
Fluorosulphonic acid.....	1777	4 W E	Corrosive substance
Fluosilicic acid (Silicofluoric acid, Hydrosilicofluoric acid Hydrofluosilicic acid, Sand acid).....	1778	2 X	Corrosive substance
Formaldehyde, solutions with a flash point above 61°C (141°F) (Formalin, Formic aldehyde, Methanal).....	2209	2 T	Other hazardous substance
Formaldehyde solutions (for example: Formalin) with a flash point of not more than 61°C.....	1198	2 S E	Flammable liquids
Formic acid.....	1779	2 R	Corrosive substance
Fumaryl chloride.....	1780	2 P	Corrosive substance
Furfural.....	1199	2 W	Flammable liquid
Furfurylamine.....	2526	2 P	Flammable liquid
Fusel oil.....	1201	3 ☒ Y	Flammable liquid
Gas oil.....	1202	3 ☒ Z	Flammable liquid
Hazardous waste, containing isocyanates N.O.S.....	7022	4 W E	Other hazardous substance
Hazardous waste, containing organo-lead compounds N.O.S.....	7023	4 W E	Other hazardous substance
Hazardous waste, flammable liquid, flash point less than 23 °C.....	7010	3 W E	Other hazardous substance
Hazardous waste, flammable liquid, flash point 23 °C to 61 °C.....	7011	3 W	Other hazardous substance
Hazardous waste, flammable solid or sludge N.O.S.....	7012	3 W E	Other hazardous substance
Hazardous waste, liquid agrochemicals, toxic N.O.S.....	7021	4 W E	Other hazardous substance
Hazardous waste, liquid containing acid.....	7006	2 W E	Other hazardous substance
Hazardous waste, liquid containing alkali.....	7008	2 W E	Other hazardous substance
Hazardous waste, liquid, containing inorganic cyanides.....	7019	4 X	Other hazardous substance
Hazardous waste, liquid N.O.S.....	7015	2 X	Other hazardous substance
Hazardous waste, liquid, toxic N.O.S.....	7017	2 X	Other hazardous substance
Hazardous waste, miscellaneous, packaged N.O.S.....	7013	4 W E	Other hazardous substance
Hazardous waste, solid, containing inorganic cyanides.....	7018	4 X	Other hazardous substance
Hazardous waste, solid or sludge, agrochemicals toxic N.O.S.....	7020	4 W E	Other hazardous substance
Hazardous waste, solid or sludge containing acid.....	7007	2 W E	Other hazardous substance
Hazardous waste, solid or sludge containing alkalis.....	7009	2 W E	Other hazardous substance
Hazardous waste, solid or sludge N.O.S.....	7014	2 X	Other hazardous substance
Hazardous waste, solid or sludge toxic N.O.S.....	7016	2 X	Other hazardous substance
Helium, compressed.....	1046	2 ☒ T	Non-flammable compressed gas
Helium, refrigerated liquid.....	1963	2 R	Non-flammable compressed gas
Heptane and its isomers.....	1206	E ☒ Y E	Flammable liquids
n-Heptene.....	2278	3 ☒ Y E	Flammable liquid
Hexachlorobenzene (Perchlorobenzene).....	2729	3 ☒ Z	Toxic substance
Hexadecyltrichlorosilane.....	1781	4 X E	Corrosive substance
Hexadiene.....	2458	3 ☒ Y E	Flammable liquid
Hexafluorophosphoric acid.....	1782	2 X E	Corrosive substance
Hexafluoropropylene.....	1858	2 X E	Toxic gas
Hexaldehyde.....	1207	3 ☒ Y	Flammable liquid
Hexamethylenediamine solution.....	1783	2 R	Corrosive substance
Hexane and its isomers.....	1208	3 ☒ Y E	Flammable liquids
Hexanols.....	2282	3 ☒ Y	Flammable liquids
Hex-1-ene.....	2370	3 ☒ Y E	Flammable liquids

Name of substance	Substance identification number	Emergency action code	Hazard warning
Hexyltrichlorosilane	1784	4 X E	Corrosive substance
Hydrazine, anhydrous and its aqueous solutions containing more than 64% by weight, hydrazine	2029	2 P E	Corrosive substances
Hydrazine hydrate and aqueous solutions of hydrazine, containing not more than 64% by weight, hydrazine	2030	2 P	Corrosive substances
Hydriodic acid (Hydrogen iodide solution)	1787	2 R	Corrosive substance
Hydrobromic acid (Hydrogen bromide solution)	1788	2 R	Corrosive substance
Hydrocarbon gases and mixtures of such gases compressed N.O.S.	1964	2 S E	Flammable gas
Hydrocarbon gases and mixtures of such gases liquefied N.O.S.	1965	2 W E	Flammable gas
Hydrochloric acid (Muriatic acid, spirits of salts) in solution	1789	2 R	Corrosive substance
Hydrocyanic acid, aqueous solutions containing not more than 20% of that substance	1613	2 W E	Toxic substances
Hydrofluoric acid solution (fluoric acid, hydrogen fluoride solution) containing less than 60% hydrogen fluoride	1790	2 P E	Corrosive substance
Hydrofluoric acid solution (fluoric acid, hydrogen fluoride solution) containing 60% or more hydrogen fluoride	1790	4 W E	Corrosive substance
Hydrogen and methane mixtures (flammable compressed gas)	2034	2 S E	Flammable gas
Hydrogen bromide, anhydrous	1048	2 R E	Toxic gas
Hydrogen chloride, anhydrous	1050	2 R E	Toxic gas
Hydrogen chloride, refrigerated liquid	2186	2 R E	Toxic gas
Hydrogen, compressed	1049	2 S E	Flammable gas
Hydrogen cyanide (Hydrocyanic acid) anhydrous, stabilised	1051	2 W E	Toxic gas
Hydrogen cyanide (Hydrocyanic acid) anhydrous, stabilised, absorbed in a porous inert material	1614	2 W E	Toxic substance
Hydrogen fluoride, anhydrous	1052	4 W E	Toxic gas
Hydrogen peroxide and its aqueous solutions, stabilised, containing more than 60% hydrogen peroxide	2015	2 P E	Oxidising substances other than organic peroxides
Hydrogen peroxide, aqueous solutions containing at least 8% and not more than 60% hydrogen peroxide (stabilised as necessary)	2014	2 P	Oxidising substances other than organic peroxides
Hydrogen, refrigerated, liquid	1966	2 W E	Flammable gas
Hydrogen selenide (Hydroselenic acid), anhydrous	2202	2 P E	Flammable gas
Hydrogen sulphide (Sulphuretted hydrogen), liquefied	1053	2 W E	Flammable gas
Hydroquinone (1,4-Benzenediol, Quinol, Hydroquinol, p-dihydroxybenzene)	2662	2 Z	Toxic substance
Hypochlorite, solutions containing more than 5% available chlorine	1791	2 R	Corrosive substance
Insecticide gases, toxic N.O.S.	1967	2 W E	Toxic gas
Iodine monochloride	1792	2 P E	Corrosive substance
Isobutane and isobutane mixtures	1969	2 W E	Flammable gas
Isobutanol (Isobutyl alcohol)	1212	3 Y	Flammable liquid
Isobutyl acetate	1213	3 Y E	Flammable liquid
Isobutylamine	1214	2 W E	Flammable liquid
Isobutylene (Isobutene)	1055	2 W E	Flammable gas
Isobutyl isobutyrate	2528	3 Y	Flammable liquid
Isobutyl methacrylate	2283	3 Y	Flammable liquid
Isobutyraldehyde (Isobutyl Aldehyde)	2045	3 W E	Flammable liquid
Isobutyronitrile	2284	3 W E	Flammable liquid
Isododecane (Pentamethylheptane)	2286	3 Y	Flammable liquid
Isoheptene	2287	3 Y E	Flammable liquid
Isohexene	2288	3 Y E	Flammable liquid
Isononanoyl peroxide, technical, pure or in solution	2128	2 W E	Organic peroxide
Iso-octene	1216	3 Y E	Flammable liquid
Isopentene	2371	3 Y E	Flammable liquid
Isophorone	7004	3 Z	Other hazardous substance
Isophoronediamine	2289	2 R	Corrosive substance
Isoprene, inhibited	1218	3 Y E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Isopropanol (Isopropyl alcohol).....	1219	2 S E	Flammable liquid
Isopropenyl acetate	2403	3 Y E	Flammable liquid
Iso-propenylbenzene (alpha-Methylstyrene) (2-phenylpropene).....	2303	3 Y	Flammable liquid
Isopropyl acetate	1220	3 Y E	Flammable liquid
Isopropylamine.....	1221	2 W E	Flammable liquid
Isopropylbenzene (Cumene).....	1918	3 Y	Flammable liquid
Isopropyl formate	2408	3 Y E	Flammable liquid
Isopropyl nitrate	1222	3 Y E	Flammable liquid
Kerosene (paraffin).....	1223	3 Y	Flammable liquid
Krypton, compressed.....	1056	2 T	Non-flammable compressed gas
Krypton, refrigerated liquid	1970	2 R E	Non-flammable compressed gas
Lead sulphate containing more than 3% free acid	1794	2 X	Corrosive substance
Lithium hydroxide monohydrate.....	2680	2 R	Corrosive substance
Lithium hydroxide solution.....	2679	2 R	Corrosive substance
Liquefied non-flammable gases charged with nitrogen, carbon dioxide or air.....	1058	2 R	Non-flammable compressed gas
Maleic anhydride.....	2215	2 X	Corrosive substances
p-Menthane Hydroperoxide, technical, pure.....	2125	2 W E	Organic peroxide
Mercaptans and mixtures, liquid N.O.S	1228	3 Y E	Flammable liquid
Mesityl oxide	1229	3 W	Flammable liquid
Methacrylic acid, inhibited	2531	3 X	Corrosive substance
Methane and natural gases with a high methane content, compressed.....	1971	2 S E	Flammable gas
Methane and natural gases with a high methane content, refrigerated liquid	1972	2 W E	Flammable gas
Methanol (Methyl alcohol, wood alcohol, Columbian spirits)	1230	2 P E	Flammable liquid
4-Methoxy-4-methyl-pentan-2-one.....	2293	3 Y	Flammable liquid
Methyl acetate	1231	2 S E	Flammable liquid
Methyl acetone	1232	2 W E	Flammable liquid
Methyl acetylene mixed with 15 to 20% propadiene	1060	2 W E	Flammable gas
Methyl acrylate, inhibited	1919	3 W E	Flammable liquid
Methylal.....	1234	2 Y E	Flammable liquid
Methylamine anhydrous	1061	2 P E	Flammable gas
Methylamine aqueous solution.....	1235	2 P E	Flammable liquid
Methyl amyl acetate	1233	3 Y	Flammable liquid
Methyl bromide (Bromomethane)	1062	2 X E	Toxic gas
2-Methyl-1-butene	2459	3 Y E	Flammable liquid
2-Methyl-2-butene	2460	3 Y E	Flammable liquid
Methyl butyrate	1237	3 Y E	Flammable liquid
Methyl chloride (Chloromethane)	1063	2 W E	Flammable gas
Methyl chloroacetate	2295	2 W	Flammable liquid
Methyl chloroformate (Methyl chlorocarbonate).....	1238	3 W E	Flammable liquid
Methylchloromethyl ether (chloromethyl methyl ether)	1239	3 W E	Flammable liquid
Methyl chlorosilane	2534	4 W E	Flammable liquid
Methyl cyanide (acetonitrile).....	1648	2 W E	Toxic substance
Methyl cyclohexane	2296	3 Y E	Flammable liquid
Methyl cyclohexanols (Hexahydromethyl Phenol Hexahydroresol) of flash point below 141 °F (60,5 °C)	2617	3 Y	Flammable liquid
Methyl cyclohexanone	2297	3 Y	Flammable liquid
Methyl cyclopentane	2298	3 Y E	Flammable liquid
Methyldichlorosilane	1242	4 W E	Flammable liquid
Methylene bis (phenylene diisocyanate).....	2489	2 X	Toxic substances
Methyl formate	1243	2 S E	Flammable liquid
2-Methylfuran	2301	3 Y E	Flammable liquid
5-Methylhexan-2-one	2302	3 Y	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Methylhydrazine	1244	2 W E	Flammable liquid
Methyl isobutyl carbinol (Methyl amyl alcohol MIBC 4-Methyl pentan-2-ol)	2053	3 ☐ Y	Flammable liquid
Methyl isobutyl ketone	1245	3 ☐ Y E	Flammable liquid
Methyl isocyanate and solutions	2480	3 W E	Flammable liquid
Methyl isopropenyl ketone, inhibited	1246	3 W E	Flammable liquid
Methylmercaptan	1064	2 W E	Flammable gas
Methyl methacrylate monomer, inhibited	1247	3 ☐ Y E	Flammable liquid
Methylpentadiene	2461	3 ☐ Y E	Flammable liquid
Methylpentane	2462	3 ☐ Y E	Flammable liquid
Methyl propionate	1248	3 ☐ Y E	Flammable liquid
Methyl propyl ketone	1249	3 ☐ Y E	Flammable liquid
Methyltetrahydrofuran	2536	2 ☐ S E	Flammable liquid
Methyltrichlorosilane	1250	4 W E	Flammable liquid
Methyl vinyl ketone	1251	2 P E	Flammable liquid
Monochlorodifluoromonobromomethane	1974	2 R E	Non-flammable compressed gas
Morpholine (Tetrahydro-1,4-oxazine)	2054	2 P	Flammable liquid
Motor fuel anti-knock mixtures ("Ethyl fluid")	1649	2 X E	Toxic substances
Motor spirit (includes gasoline or petrol)	1203	3 ☐ Y E	Flammable liquid
Naphtha (Coal tar, crude and solvent)	2553	3 Y E	Flammable liquid
Naphtha, petroleum	1255	3 ☐ Y E	Flammable liquid
Naphtha, solvent	1256	3 W	Flammable liquid
Naphthalene (Creosote salts) crude or refined	1334	2 Z	Flammable solid
Naphthalene, molten	2304	1 X	Flammable solid
Naphthylamine (alpha)	2077	2 X	Toxic substance
Natural gasoline (Casinghead gasoline)	1257	3 W E	Flammable liquid
Neon, compressed	1065	2 ☐ T	Non-flammable compressed gas
Neon, refrigerated liquid	1913	2 R	Non-flammable compressed gas
Nickel carbonyl	1259	4 W E	Flammable liquid
Nitrates, inorganic N.O.S.	1477	1 ☐ T	Oxidising substances other than organic peroxides
Nitrates of soda and potash, mixtures	1478	1 ☐ T	Oxidising substances other than organic peroxides
Nitric acid other than red fuming nitric acid	2031	2 P E	Corrosive substance
Nitric acid, red, fuming	2032	2 P E	Corrosive substance
Nitric oxide	1660	2 R E	None
Nitric oxide and nitrogen tetroxide mixtures	1975	2 R E	Toxic gas
Nitrobenzene (Nitrobenzol, Mirbane oil)	1662	2 X	Toxic substance
Nitrobenzenesulphonic acid	2305	2 R	Corrosive substances
Nitrocellulose with by weight a nitrogen content not exceeding 12,6% (collodion cotton) in solution in inflammable liquids with a flash point below 23 °C containing not more than 55% nitrocellulose	2059	2 ☐ Y E	Flammable liquid
Nitrocellulose with by weight a nitrogen content not exceeding 12,6% (collodion cotton) in solution in inflammable liquids with a flash point between 23 °C and 60,5 °C inclusive, whether or not miscible with water, containing not more than 55% nitrocellulose	2060	2 ☐ Y	Flammable liquid
Nitrocellulose with not less than 25% alcohol by weight and not exceeding 12,6% nitrogen by dry weight	2556	2 ☐ Y E	Flammable solid
Nitrocellulose with not less than 18% plasticising substance by weight and not exceeding 12,6% nitrogen by dry weight	2557	2 ☐ Y E	Flammable solid
Nitrocellulose with not less than 25% water by weight	2555	1 ☐ Y E	Flammable solid
Nitrocresols	2446	2 X	Toxic substances
Nitrogen, compressed	1066	2 ☐ T	None
Nitrogen dioxide (Nitrogen tetroxide) liquefied	1067	2 R E	Toxic gas
Nitrogen, refrigerated liquid	1977	2 R E	None
Nitrogen trifluoride	2451	2 P E	Toxic gas

Name of substance	Substance identification number	Emergency action code	Hazard warning
Nitroglycerin (Glyceryl trinitrate) solution in alcohol containing not more than 1% nitroglycerin	1204	2 S E	Flammable liquid
Nitrohydrochloric acid (Nitromuriatic acid).....	1798	2 R	Corrosive substance
Nitromethane	1261	2 Y E	Flammable liquid
Nitrosyl chloride	1069	2 R E	Toxic gas
Nitrosylsulphuric acid	2308	4 W E	Corrosive substance
Nitrotoluenes	1664	2 X	Toxic substance
Nitrotoluidines (mono).....	2660	2 Z	Toxic substance
Nitrous oxide	1070	2 R	Non-flammable compressed gas
Nitrous oxide refrigerated liquid	2201	2 P	Non-flammable compressed gas
Nitroxyls	1665	2 X	Toxic substances
Nonane and its isomers	1920	3 Y	Flammable liquids
Nonyltrichlorosilane	1799	4 X E	Corrosive substance
Octadecyltrichlorosilane	1800	4 X E	Corrosive substance
Octafluorocyclobutane	1976	2 R E	Non-flammable compressed gas
Octane and its isomers	1262	3 Y E	Flammable liquids
Octyltrichlorosilane	1801	4 X E	Corrosive substance
Oil gas	1071	2 S E	Flammable gas
Organophosphorus pesticides (compounds and preparations) liquid toxic N.O.S. flash point below 32 °C water immiscible	2784	3 W E	Toxic substances
Organophosphorus pesticides (compounds and preparations) liquid toxic N.O.S. flash point below 32 °C water miscible, including Metasystox 55	2784	2 W E	
Organophosphorus pesticides (compounds and preparations) toxic N.O.S. solid and water immiscible liquid, including Disulfuton, Dimeton-S-Methyl	2783	3 W	Toxic substances
Organophosphorus pesticides (compounds and preparations) toxic N.O.S. solids and water miscible liquids including Disyston, Folimat	2783	2 W	
Ortho-Anuiclene	2431	3 X	Toxic substance
Oxygen, compressed	1072	2 S	Non-flammable compressed gas
Oxygen difluoride	2190	2 P E	Toxic gas
Oxygen, refrigerated liquid	1073	2 P E	Non-flammable compressed gas
Paraldehyde	1264	2 S E	Flammable liquid
Pentan-2,4-Dione	2310	2 S	Flammable liquid
n-Pentane and iso-pentane	1265	3 Y E	Flammable liquid
Perchloric acid concentration not exceeding 50% by weight of acid	1802	2 P	Corrosive substance
Perchloric acid over 50% acid and not more than 72% acid by weight	1873	2 P	Oxidising substance other than an organic peroxide
Petroleum crude oil	1267	3 W E	Flammable liquid
Petroleum distillates N.O.S. Benzene content less than 5% (See note 1 below)	1268	3 Y E	Flammable liquid
Petroleum fuel (see note 2 below)	1270	3 Y E	Flammable liquid
Petroleum gases, liquefied	1075	2 W E	Flammable gas
Petroleum spirit (benzolene petroleum ether)	1271	3 Y E	Flammable liquid
Phenol (Carbolic acid) molten	2312	2 X	Toxic substance
Phenol (Carbolic acid) solid	1671	2 X	Toxic substance
Phenolsulphonic acid, liquid	1803	2 R	Corrosive substance
Phenyl isocyanate	2487	3 W	Toxic substance
Phenyltrichlorosilane	1804	4 X E	Corrosive substance
Phosgene (Carbonylchloride)	1076	2 X E	Toxic gas
Phosphine (phosphoretted hydrogen)	2199	2 W E	Toxic gas
Phosphoric acid (orthophosphoric acid)	1805	2 R	Corrosive substance
Phosphorus, amorphous (red phosphorus)	1338	2 W E	Flammable solid
Phosphorus oxybromide	1939	4 X E	Corrosive substance
Phosphorus pentachloride	1806	4 W E	Corrosive substance

1. Where benzene content is 5 per cent or more use entry for benzene.

2. This substance does not include butane, butane mixtures, hydrocarbon gases and mixtures of such gases N.O.S. or propane.

Name of substance	Substance identification number	Emergency action code	Hazard warning
Phosphorus pentasulphide free from yellow and white phosphorus.....	1340	4 Y E	Flammable solid
Phosphorus pentoxide (Phosphoric acid, anhydrous).....	1807	4 W	Corrosive substance
Phosphorus sesquisulphide free from yellow and white phosphorus.....	1341	1 Y	Flammable solid
Phosphorus tribromide (phosphorous bromide).....	1808	4 W E	Corrosive substance
Phosphorus trichloride (Phosphorous chloride).....	1809	4 W E	Corrosive substance
Phosphorus white molten.....	2447	2 W E	Substances liable to spontaneous combustion
Phosphorus white or yellow dry or under water or in solution.....	1381	2 W E	Substances liable to spontaneous combustion
Phosphoryl chloride (Phosphorus oxychloride).....	1810	4 W E	Corrosive substance
Phthalic anhydride.....	2214	2 X	Corrosive substance
Picolines (Methyl pyridines).....	2313	2 S	Flammable liquid
Pinane hydroperoxide, technical pure.....	2162	2 W E	Organic peroxide
alpha-Pinene.....	2368	3 Y	Flammable liquid
Pine oil.....	1272	3 Y	Flammable liquid
Piperidine.....	2401	2 W E	Flammable liquid
Polychlorinated biphenyls.....	2315	4 X	Other toxic substances
Polystyrene beads, expandable, containing inflammable liquid.....	2211	3 Y	Other hazardous substance
Potassium bifluoride.....	1811	2 X	Corrosive substance
Potassium chlorate (chlorate of potash).....	1485	1 S	Oxidising substance
Potassium chlorate solution.....	2427	2 S	Oxidising substance other than an organic peroxide
Potassium cyanide.....	1680	4 X	Toxic substance
Potassium fluoride.....	1812	2 Z	Toxic substance
Potassium hydroxide, solid.....	1813	2 R	Corrosive substance
Potassium hydroxide solution (caustic potash, potash liquor).....	1814	2 R	Corrosive substance
Potassium metal.....	2257	4 W	Substance which in contact with water emits flammable gases
Potassium nitrate (Saltpetre).....	1486	1 T	Oxidising substance other than an organic peroxide
Potassium sulphate, hydrated, containing 30% and more of crystallisation water.....	1847	2 X	Corrosive substance
Propadiene (allene).....	2200	2 W E	Flammable gas
Propane.....	1978	2 W E	Flammable gas
Propanethiols.....	2402	3 W E	Flammable liquids
Propanol (Propyl alcohol).....	1274	2 S E	Flammable liquid
Propionaldehyde.....	1275	2 Y E	Flammable liquid
Propionic acid.....	1848	2 P	Corrosive substance
Propionitrile.....	2404	2 W E	Flammable liquid
Propionyl chloride.....	1815	2 P E	Corrosive substance
Propyl acetate, normal.....	1276	3 Y E	Flammable liquid
Propylamine (monopropylamine).....	1277	2 W E	Flammable liquid
Propyl benzene.....	2364	3 Y	Flammable liquid
Propyl chloride.....	1278	3 Y E	Flammable liquid
Propylenediamine.....	2258	2 P	Flammable liquid
Propylene dicloride.....	1279	2 Y E	Flammable liquid
Propyleneimine, inhibited.....	1921	2 W E	Flammable liquid
Propylene oxide.....	1280	2 P E	Flammable liquid
Propylene (propene).....	1077	2 W E	Flammable gas
Propyl formates.....	1281	3 Y E	Flammable liquid
Propyl nitrate, normal.....	1865	2 W E	Flammable liquid
Propyltrichlorosilane.....	1816	4 W E	Corrosive substance
Pyridine.....	1282	2 W E	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Pyrosulphuryl chloride	1817	4 W E	Corrosive substance
Pyrrolidine	1922	2 S E	Flammable liquid
Quinoline	2656	3 Z	Toxic substance
Rare gases mixtures	1979	2 T E	Non-flammable compressed gas
Rare gases, mixtures with nitrogen	1981	2 T E	Non-flammable compressed gas
Rare gases, mixtures with oxygen	1980	2 S E	Non-flammable compressed gas
Resin solution in flammable liquid, insoluble in water, non-toxic, flash point above 23 °C N.O.S.	1866	3 Y	Flammable liquid
Resin solution in flammable liquid, insoluble in water, non-toxic, flash point 23 °C or below N.O.S.	1866	3 Y E	Flammable liquid
Resin solution in flammable liquid, insoluble in water, toxic, flash point < 23 °C	1866	3 W E	Flammable liquid
Resin solution is flammable liquid, insoluble in water, toxic, flash point > 23 °C	1866	3 W	Flammable liquid
Resin solution in flammable liquid, soluble in water, non-toxic, flash point < 23 °C	1866	2 Y E	Flammable liquid
Resin solution in flammable liquid, soluble in water, non-toxic, flash point > 23 °C	1866	2 Y	Flammable liquid
Resin solution in flammable liquid, soluble in water, toxic, flash point above 23 °C N.O.S.	1866	2 W	Flammable liquid
Resin solution in flammable liquid, soluble in water, toxic, flash point 23 °C or below N.O.S.	1866	2 W E	Flammable liquid
Selenic acid	1905	2 X	Corrosive substance
Shale oil	1288	3 W E	None
Silane (Hydrogen silicide)	2203	2 S E	Flammable gas
Silicon tetrachloride (Silicon chloride)	1818	4 W E	Corrosive substance
Silicon tetrafluoride	1859	2 P E	Toxic gas
Sodium aluminate solution	1819	2 R	Corrosive substance
Sodium chlorate (Chlorate of soda)	1495	1 S	Oxidising substance other than an organic peroxide
Sodium chlorate solution	2428	2 S	Oxidising substance other than an organic peroxide
Sodium chlorite	1496	2 R	Oxidising substance other than an organic peroxide
Sodium chlorite solution containing more than 5% available chlorine	1908	2 R	Corrosive substance
Sodium cyanide	1689	4 X	Toxic substance
Sodium hydrogen sulphate containing more than 3% free acid	1821	2 R	Corrosive substance
Sodium hydrosulphide, solid	2318	2 R	Substance liable to spontaneous combustion
Sodium hydroxide, solid	1823	2 R	Corrosive substance
Sodium hydroxide solution (Caustic soda, liquor, sodium hydrate, lye)	1824	2 R	Corrosive substance
Sodium, metal	1428	4 W	Substance which in contact with water emits flammable gas
Sodium metal dispersion in organic liquids	1429	4 W	Substance which in contact with water emits flammable gas
Sodium methylate solutions in alcohol	1289	2 P E	Flammable liquids
Sodium monoxide	1825	2 R	Corrosive substance
Sodium nitrate and potassium nitrate mixtures	1499	1 T	Oxidising substances other than organic peroxides
Sodium nitrate (chile saltpetre)	1498	1 T	Oxidising substance other than an organic peroxide
Sodium nitrate	1500	1 Z	Oxidising substance other than an organic peroxide
Sodium sulphate hydrated with at least 30% water	1849	2 R	Corrosive substance
Sodium superoxide	2547	4 W	Oxidising substance other than an organic peroxide
Stannic chloride, anhydrous (tin tetrachloride, tin chloride, fuming)	1827	4 W E	Corrosive substance
Styrene monomer, inhibited (cinnamene cinnamol, phenylethylene or Vinylbenzene)	2055	3 Y	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Sulphur	1350	2 Z	Flammable solid
Sulphur chlorides (sulphur dichloride, sulphur monochloride)	1828	2 R E	Corrosive substances
Sulphur dioxide, liquefied	1079	2 R E	Toxic gas
Sulphur hexafluoride	1080	2 R E	Non-flammable compressed gas
Sulphuric acid	1830	2 P	Corrosive substance
Sulphuric acid, fuming	1831	4 W E	Corrosive substance
Sulphuric acid, spent	1832	2 P	Corrosive substance
Sulphur, molten	2448	2 X	Flammable solid
Sulphurous acid	1833	2 R	Corrosive substance
Sulphur tetrafluoride	2418	2 P E	Toxic gas
Sulphur trioxide, inhibited	1829	4 W E	Corrosive substance
Sulphuryl chloride	1834	4 W E	Corrosive substance
Tars, liquid, including road asphalt and oils, bitumen	1999	2 W	Flammable liquids
Terpene hydrocarbons N.O.S.	2319	3 Y	Flammable liquids
Tetrachloroethane (Acetylene tetrachloride)	1702	2 X E	Toxic substance
Tetrachloroethylene (perchloroethylene)	1897	2 Z	Toxic substance
Tetraethyl silicate (Ethyl silicate)	1292	3 Y	Flammable liquid
Tetrafluoroethylene, inhibited	1081	2 S E	Non-flammable compressed gas
Tetrafluoromethane	1982	2 T E	Non-flammable compressed gas
1,2,3,6-tetrahydrobenzaldehyde	2498	3 Y	Flammable liquid
Tetrahydrofuran	2056	2 S E	Flammable liquid
Tetramethylammonium hydroxide	1835	2 R	Corrosive substance
Thioglycolic acid	1940	2 X	Corrosive substance
Thionyl chloride	1836	4 W E	Corrosive substance
Thiophene	2414	3 W E	Flammable liquid
Thiophosphoryl chloride (phosphorus sulphochloride)	1837	4 X E	Corrosive substance
Titanium tetrachloride	1838	4 W E	Corrosive substance
Toluene di-isocyanate (tolylene di-isocyanate toluylene di-isocyanate)	2078	2 X E	Toxic substance
Toluidines	1708	3 X	Toxic substances
2,4-toluylenediamine	1709	2 X	Toxic substance
Triallylamine	2610	3 Y	Flammable liquid
Trichloroacetic acid	1839	2 R	Corrosive substance
Trichloroethylene	1710	2 Z	Toxic substance
Trichlorosilane	1295	4 W E	Substance which in contact with water emits flammable gas
Triethylamine	1296	3 W E	Flammable liquid
Triethylene diamine	2675	2 R	Corrosive substance
Triethylene tetramine	2259	2 R	Corrosive substance
Trifluorochloroethylene	1082	2 W E	Flammable gas
Trifluoroethane inflammable compressed gas	2035	2 W E	Flammable gas
Trifluoromethane	1984	2 R E	Non-flammable compressed gas
Triisobutylene	2324	3 Y	Flammable liquid
Trimethylamine anhydrous	1083	2 P E	Flammable gas
Trimethylamine aqueous solutions containing not more than 30% of trimethylamine	1297	2 P E	Flammable liquids
1,3,5-trimethylbenzene	2325	3 Y	Flammable liquid
Trimethyl borate	2416	2 S	Flammable liquid
Trimethylchlorosilane	1298	4 W E	Flammable liquid
3,3,5-trimethylhexamethylenediamine	2327	2 R	Corrosive substance
Trimethyl phosphite	2329	3 Y	Flammable liquid
Tripropylamine	2260	3 W	Flammable liquid
Tripropylene (propylene trimer)	2057	3 Y	Flammable liquid

Name of substance	Substance identification number	Emergency action code	Hazard warning
Turpentine	1299	3 ☒ Y	Flammable liquid
Turpentine substitute (white spirit)	1300	3 ☒ Y	Flammable liquid
Undecane	2330	3 ☒ Y	Flammable liquid
Valeraldehyde (amyl aldehyde, pentanal valeral, N-valeraldehyde, valeric aldehyde iso-valeraldehyde)	2058	3 ☒ Y E	Flammable liquid
Vinyl acetate, inhibited	1301	3 ☒ Y E	Flammable liquid
Vinyl bromide, inhibited	1085	3 Y E	Flammable gas
Vinyl chloride, inhibited	1086	2 W E	Flammable gas
Vinyl ethyl ether, inhibited	1302	3 Y E	Flammable liquid
Vinyl fluoride, inhibited	1860	2 W E	Flammable gas
Vinylidene chloride, inhibited	1303	3 Y E	Flammable liquid
Vinyl isobutyl ether, inhibited	1304	3 Y E	Flammable liquid
Vinyl methyl ether, inhibited	1087	2 W E	Flammable gas
Vinyl toluene (methylstyrene, methylvinylbenzene, tolylethylene) mixed isomers, inhibited	2618	3 ☒ Y	Flammable liquid
Vinyltrichlorosilane, inhibited	1305	4 W E	Flammable liquid
Warfarin	2476	1 Z	Toxic substance
Xenon	2036	2 ☒ T E	Non-flammable compressed gas
Xylene (xylol)	1307	3 ☒ Y	Flammable liquid
Xylenol	2261	2 X	Toxic substance
Xylidine	1711	3 X	Toxic substance
Zinc chloride solution	1840	2 R	Corrosive substance

AANHANGSEL 1

DEEL 1

In hierdie gedeelte beteken "N.A.G.", waar dit in die eerste kolom voorkom, "nie anders gespesifiseer"; en die derde kolom word geïnterpreteer ooreenkomstig Deel III.

Waar 'n letter in kolom 3 in 'n blokkie ☐ voorkom moet dit geag word 'n wit letter op 'n swart agtergrond te wees en kolom 3 word geïnterpreteer volgens Deel III.

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Adiponitriël (1,4-disianobutaan, tetrametileensianied)	2205	3 X	Gifstof
Akrielsuur, geïnhibeer	2218	2 P	Bytstof
Akriëlamied	2074	2 P E	Gifstof
Akriëlonitriël, geïnhibeer	1093	3 W E	Vlambare vloeistof
Akroleïen (akraldehyd), geïnhibeer	1092	2 W E	Vlambare vloeistof
Akroleïendimeer, gestabiliseer (2-formiel-3,4-dihidro-2H-piraan)	2607	2 ☒ S	Vlambare vloeistof
Alfachloropropionsuur	2511	2 R	Bytstof
Alfapineen	2368	3 ☒ Y	Vlambare vloeistof
Alfamielvaleraldehyd	2367	3 Y E	Vlambare vloeistof
Alkiel-, ariel- en toluëenswaelsuur (jellende vloeistof wat hoogstens 5% vry swaelsuur bevat)	2586	2 X	Bytstof
Alkiel-, ariel- en Toluëenswaelsuur (nie-jellende vloeistof wat hoogstens 5% vry swaelsuur bevat)	2586	2 R	Bytstof
Alkohol, gedatureer (brandspiritus)	1095	2 ☒ S E	Vlambare vloeistof
Alkohol, industrieel	1096	2 ☒ S E	Vlambare vloeistof
Allielalkohol	1098	2 P E	Vlambare vloeistof
Allielamien	2334	2 W E	Vlambare vloeistof
Allielasetaat	2333	3 W E	Vlambare vloeistof
Allielbromied	1099	2 W E	Vlambare vloeistof
Allielchloried (3, chloropropen)	1100	3 W E	Vlambare vloeistof
Allielchloroformiaat	1722	2 W E	Bytstof
Allielformiaat	2336	3 W E	Vlambare vloeistof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Allielglisidieleter.....	2219	2 S	Vlambare vloeistof
Allieljodied.....	1723	2 W E	Bytstof
Allieltrichlorosilaan, gestabiliseerd.....	1724	4 W E	Bytstof
Aluminiumbromied, anhidries.....	1725	4 X	Bytstof
Aluminiumchloried, anhidries.....	1726	4 X	Bytstof
Aluminiumtriëtiel.....	1102	4 W E	Spontaan vlambare stof
Aluminiumtrimetiël.....	1103	4 W E	Spontaan vlambare stof
Amielalkohol (primêr en sekondêr).....	1105	3 Y	Vlambare vloeistof
Amielalkohol, tersiêr (2 metielbutaan-2-ol).....	1105	2 S E	Vlambare vloeistof
Amielamien.....	1106	2 P E	Vlambare vloeistof
Amielasetaat.....	1104	3 Y	Vlambare vloeistof
Amielchloried.....	1107	3 Y E	Vlambare vloeistof
Amielformiaat.....	1109	3 Y	Vlambare vloeistof
Amielmerkaptan.....	1111	3 W E	Vlambare vloeistof
Amielmetielketoon (metielamielketoon).....	1110	3 Y	Vlambare vloeistof
Amielnitraat.....	1112	3 Y	Vlambare vloeistof
Amielnitriet.....	1113	3 Y E	Vlambare vloeistof
Amieltrichlorosilaan.....	1728	4 X E	Bytstof
Amileen, normaal (1-Penteen).....	1108	3 Y E	Vlambare vloeistof
Ammoniakoplossings met 'n digtheid (soortlike massa, van minder as 0,880 by 15 °C in water, wat meer as 35% maar hoogstens 50% ammoniak bevat	2073	2 P E	Nie-vlambare saamgeperste gas
Ammoniakoplossings wat meer as 10% maar hoogstens 35% ammoniak bevat, met 'n soortlike massa by 15 °C van 0,957 tot 0,880 in water	2672	2 P	Gifstof
Ammoniak, watervry, vloeibaar en ammoniakoplossings met 'n digtheid (soortlike massa) van minder as 0,880 by 15 °C in water, en wat meer as 50% ammoniak bevat	1005	2 P E	Giftige gas
Ammoniumnitraat met nie meer as 0,2% brandbare stowwe nie, insluitend enige organiese stof bereken as koolstof, met die uitsluiting van enige ander bygevoegde stof	1942	1 S	'n Ander oksiderende stof as 'n organiese peroksied
Ammoniumnitraatvloeistof (warm gekonsentreerde oplossing).....	2426	1 P	'n Ander oksiderende stof as 'n organiese peroksied
Anilien (anilienolie, fenielamien, aminobenseen).....	1547	3 X	Gifstof
Anisoëlchloried.....	1729	2 X	Bytstof
Anisool.....	2222	3 Y	Vlambare vloeistof
Antimoonpentachloried (antimoonperchloried), vloeistof.....	1730	4 X	Bytstof
Antimoonpentafluoried.....	1732	4 W E	Bytstof
Antimoontrichloried (Antimonouschloried, bytende antimoon, botteranti-moon, mineraalbotter)	1733	4 W E	Bytstof
Argon, verkoelde vloeistof.....	1951	2 R E	Nie-vlambare saamgeperste gas
Argon, saamgepers.....	1006	2 T	Nie-vlambare saamgeperste gas
Arsensuur, vloeistof.....	1553	2 X	Gifstof
Arsien (waterstofarsenied).....	2188	2 P E	Giftige gas
Asetaal.....	1088	3 Y E	Vlambare vloeistof
Asetaldehid (aldehid).....	1089	2 Y E	Vlambare vloeistof
Asetaldehidammoniak.....	1841	1 Y	Ander gevaarlike stof
Asetielbromied.....	1716	4 W E	Bytstof
Asetielchloried.....	1717	4 W E	Bytstof
Asetieljodied.....	1898	2 R	Bytstof
Asetileen, opgelos.....	1001	2 S E	Vlambare gas
Asetoon.....	1090	2 Y E	Vlambare vloeistof
Asetoonsiaanhidrien.....	1541	2 X E	Gifstof
Asynsuuranhidried.....	1715	2 P	Bytstof
Batteryvloeistof (elektroliet).....	1735	2 R	Bytstof
Bensaldehid.....	1990	3 Z	Vlambare vloeistof

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Benseen (bensol).....	1114	3 W E	Vlambare vloeistof
Benseentol (tiofenol).....	2337	3 W E	Vlambare vloeistof
Bensielbromied.....	1737	2 X	Bytstof
Bensielchloried.....	1738	2 W	Gifstof
Bensien.....	1115	3 W E	Vlambare vloeistof
Bensoëlchloried.....	1736	2 X	Bytstof
Bensotrichloried.....	2226	2 X	Gifstof
Bensotrifluoried.....	2338	2 Y E	Vlambare vloeistof
Boortrichloried.....	1741	4 W E	Giftige gas
Boortrifluoried.....	1008	4 W E	Giftige gas
Boortrifluoried-asynsuurkompleks.....	1742	2 W E	Bytstof
Boortrifluorieddiëtleteraat.....	2604	4 W E	Vlambare vloeistof
Broomasetielbromied.....	2513	4 W E	Bytstof
Broomasynsuur.....	1938	2 R	Bytstof
Broombenseen.....	2514	2 Z	Vlambare vloeistof
2-Broombutaan.....	2339	2 Y E	Vlambare vloeistof
Broom en oplossings van broom.....	1744	2 X E	Bytstof
Broompentafluoried.....	1745	4 W E	Bytstof
Broompropane (isopropielbromied).....	2344	2 Y E	Vlambare vloeistowwe
Broomtrifluoried.....	1746	4 W E	Bytstof
Broomtrifluooretileen.....	2419	2 X E	Nie-vlambare saamgeperste gas
Broomtrifluormetaan.....	1009	2 R E	Nie-vlambare saamgeperste gas
Butaandioon.....	2346	2 S	Vlambare vloeistof
Butaan of butaanmengsels.....	1011	2 W E	Vlambare gas
Butaan-1-tiol.....	2347	3 W E	Vlambare vloeistof
Butadien, geïnhibeer.....	1010	2 W E	Vlambare gas
Butanol (butielalkohol).....	1120	3 Y	Vlambare vloeistof
Butielakrilaat.....	2348	3 Y	Vlambare vloeistof
Butielamien, normaal.....	1125	2 W E	Vlambare vloeistof
Butielasetaat, normaal.....	1123	3 Y E	Vlambare vloeistof
Butielbenseen (2-metiel-2-fenielpropaan; 1-fenielbutaan; 2-fenielbutaan).....	2709	3 Y	Vlambare vloeistof
Butielbromied, normaal.....	1126	2 Y E	Vlambare vloeistof
Butielformiaat, normaal.....	1128	3 Y E	Vlambare vloeistof
Butielnitriet.....	2351	3 Y E	Vlambare vloeistof
Butieltoluene (p-tert-butieltoluene).....	2667	3 Z	Gifstowwe
Butieltrichlorosilaan.....	1747	4 W E	Bytstof
Butielvinieleter.....	2352	3 Y E	Vlambare vloeistof
Butileen (buteen).....	1012	2 W E	Vlambare gas
Butiraldehyd.....	1129	3 W E	Vlambare vloeistof
Butierylchloried.....	2353	2 P E	Vlambare vloeistof
Butironitriet.....	2411	3 W E	Vlambare vloeistof
Bytende alkalivloeistowwe N.A.G.....	1719	2 R	Bytstof
Chloor.....	1017	2 X E	Giftige gas
Chlooranelien, vloeistof.....	2019	2 X	Gifstof
Chloorasetielchloried.....	1752	4 W E	Bytstof
Chloorasynsuur (monochloorasynsuur), vloeistof.....	1750	2 R	Bytstof
Chloorasynsuur, vastestof.....	1751	2 R	Bytstof
Chloorbenseen (monochloorbenseen).....	1134	2 Y	Vlambare vloeistof
Chloorbensotrifluoried.....	2234	2 Y	Vlambare vloeistof
Chloorbutaan (1-chloorbutaan, butielchloried normaal, 2-chloorbutaan).....	1127	3 Y E	Vlambare vloeistof
Chloordifluooretaan.....	2537	2 W E	Nie-vlambare saamgeperste gas
1,1,1-Chloordifluooretaan.....	2517	2 W E	Nie-vlambare saamgeperste gas

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Chloordifluormetaan (monochloordifluormetaan)	1018	2 R E	Nie-vlambare saamgeperste gas
Chloordinitrobenseen (dinitrochloorbenseen)	1577	2 W	Gifstof
Chloorfenieltrichloorsilaan	1753	4 X E	Bytstof
Chloorfenolaat (chloorfenole), vaste stof	2020	2 X	Gifstowwe
Chloorfenolaat (chloorfenole), vloeistof	2021	2 X	Gifstowwe
Chloorkresol	2669	2 X	Gifstof
Chloornitrobenseen	1578	2 X	Gifstof
Chloor-orto-nitrotolueen	2433	2 X	Gifstof
Chloorpentafluoretaan	1020	2 R E	Nie-vlambare saamgeperste gas
Chloorpikrien (trichloornitrometaan)	1580	2 X E	Gifstof
Chloorpreen, geïnhibeer	1991	3 W E	Vlambare vloeistof
2-Chloorpropaan (Isopropielchloried)	2356	3 Y E	Vlambare vloeistof
Chloorsulfoonsuur (met of sonder swaeltrioksied)	1754	4 W E	Bytstof
Chloortetrafluoretaan	1021	2 R E	Nie-vlambare saamgeperste gas
Chloortolueen	2238	3 Y	Vlambare vloeistof
Chloortrifluormetaan (trifluorchloormetaan)	1022	2 R E	Nie-vlambare saamgeperste gas
Chloortrifluoried	1749	4 W E	Giftige gas
Chloroform	1888	2 Z	Gifstof
Chroomfluoriedoplossing	1757	2 X	Bytstof
Chroomfluoried, vaste stof	1756	2 X	Bytstof
Chroomoksichloried	1758	4 W	Bytstof
Chroomsuurooplossing	1755	2 X	Bytstof
Dekahidronaftaleen (dekalien)	1147	3 Z	Vlambare vloeistof
Denneolie	1272	3 Y	Vlambare vloeistof
Deuterium (swaar waterstof)	1957	2 S E	Vlambare gas
Diallielamien	2359	2 P E	Vlambare vloeistof
Diallieler	2360	3 W E	Vlambare vloeistof
Di-(N-butil)-amien	2248	3 W	Bytstof
4,4-Diaminodifenielamien	7001	2 Z	Ander gevaarlike stof
4,4-Diaminodifenielmetaan (p,p-metileendianilien)	2651	2 Z	Gifstof
Diasetoonalkohol	1148	2 S E	Vlambare vloeistof
Diboraan	1911	2 P E	Vlambare gas
Dibroombenseen (metadibroombenseen; 1,3-dibroombenseen)	2711	2 Z	Vlambare vloeistof
Dibutieleters (buitieleters)	1149	3 Y	Vlambare vloeistof
Dichloorasetielchloried	1765	4 W E	Bytstof
Dichloorasynsuur	1764	2 R	Bytstof
Dichloordifluormetaan	1028	2 R E	Nie-vlambare saamgeperste gas
1,1-Dichlooretaan	2362	2 Y E	Vlambare vloeistof
Dichlooretieleter	1916	2 W	Gifstof
Dichlooretileen	1150	3 Y E	Vlambare vloeistof
Difluoorfosforsuur, watervry	1768	2 X E	Bytstof
Dichloormetaan (metileenchloried)	1593	2 Z	Gifstof
Dichloormonofluormetaan	1029	2 R E	Nie-vlambare saamgeperste gas
Dichloorpentane	1152	3 Y	Vlambare vloeistof
Dichloorpropeen	2047	2 W	Vlambare vloeistof
Dichloorsilaan	2189	4 W E	Giftige gas
Dichloortetrafluoretaan (tetrafluordichlooretaan)	1958	2 R E	Nie-vlambare saamgeperste gas
Diëtielaluminiumchloried (aluminiumdiëtielmonochloried)	1101	4 W E	Spontaan vlambare stof
Diëtielamien	1154	2 W E	Vlambare vloeistof
Diëtielamienetanol (N,N-diëtieletanolamien)	2686	2 S	Vlambare vloeistof
N,N-diëtielanilien	2432	3 X	Gifstof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Diëtielbenseen.....	2049	3 Y	Vlambare vloeistof
Diëtieleter (etieleter, anestetikumeter, swawelsuureter).....	1155	3 Y E	Vlambare vloeistowwe
Diëtielkarbinol (3-petanol).....	2706	3 Y	Vlambare vloeistof
Diëtielkarbonaat.....	2366	3 Y	Vlambare vloeistof
Diëtielketoon.....	1156	3 Y E	Vlambare vloeistof
Diëtielsulfaat (etielsulfaat).....	1594	2 X	Gifstof
Diëtielsulfied.....	2375	3 Y E	Vlambare vloeistof
Diëtileentriamien.....	2079	2 X	Bytstof
1,2-Diëtoksiëtaan (etileenglikoldiëtieleter).....	1153	3 Y	Vlambare vloeistof
Difenieldichloorsilaan.....	1769	4 W E	Bytstof
Difluooretaan.....	1030	2 W E	Vlambare gas
1,1-Difluooretileen.....	1959	2 P E	Giftige gas
Difluoormonochlooretaan.....	1031	2 W E	Vlambare gas
2,3-Dihidropiraan.....	2376	2 Y E	Vlambare vloeistof
Diisobutielamien.....	2361	3 W E	Vlambare vloeistof
Diisobutielketoon.....	1157	3 Y	Vlambare vloeistof
Diisobutieleen isomeriese verbindings (alfadiisobutieleen, betadiisobutieleen 2,4,4-trimetielpenteen-1,2,4,4-trimetielpenteen-2)	2050	3 Y E	Vlambare vloeistowwe
Diisopropielamien.....	1158	3 W E	Vlambare vloeistof
Diisopropiëlbenseenhidroperoksied, maksimum konsentrasie 72% in oplossing	2171	2 W E	Vlambare vloeistof
Diisopropieleter.....	1159	3 Y E	Vlambare vloeistof
Diketeen, geïnhibeer.....	2521	2 S	Vlambare vloeistof
Dikwat.....	7003	2 R	Gifstof
Dimetielamien, watervry.....	1032	2 P E	Vlambare gas
Dimetielamienoplossing.....	1160	2 P E	Vlambare vloeistof
2,3-Dimetielbutaan.....	2457	3 Y E	Vlambare vloeistof
Dimetieldichloorsilaan.....	1162	4 W E	Vlambare vloeistof
Dimetietanolemien (deanol, 2-dimetielaminoëtanol).....	2051	2 S	Vlambare vloeistof
Dimetieleter.....	1033	2 W E	Vlambare gas
Dimetielhidrasien, onsimmetries.....	1163	2 W E	Vlambare vloeistof
Dimetielkarbonaat.....	1161	3 Y E	Vlambare vloeistof
2,2-Dimetielpropaan (neopentaaan), uitgesonderd pentaan en sy isomere.....	2044	2 W E	Gasse: saamgepers, vloeibaar of oplosbaar onder druk
Dimetielsikloheksane.....	2263	3 Y E	Vlambare vloeistof
Dimetielsikloheksilamien.....	2264	3 W	Bytstof
Dimetielsulfaat (metielsulfaat).....	1595	2 X E	Gifstof
Dimetielsulfied.....	1164	3 Y E	Vlambare vloeistof
1,2-Dimetoksiëtaan.....	2252	2 S E	Vlambare vloeistof
Dinitrobenseen.....	1597	2 W	Gifstof
Dinitrotolueen, vloeistof.....	1600	2 W	Gifstof
Dioksaan.....	1165	2 S E	Vlambare vloeistof
Dioksolaan.....	1166	2 P E	Vlambare vloeistof
Dipenteen (kajapoeteen, sineen di-para-menta-1,8-diëen, limoneen, onak- tief)	2052	3 Y	Vlambare vloeistowwe
Dipropielamien.....	2383	2 P E	Vlambare vloeistof
Disikloheptadiëen.....	2251	3 Y	Vlambare vloeistof
Disiklopentadiëen.....	2048	3 Y	Vlambare vloeistof
Distikstofoksied.....	1070	2 R	Nie-vlambare saamgeperste gas
Distikstofoksied verkoelde vloeistof.....	2201	2 P	Nie-vlambare saamgepersde gas
Divinieleter.....	1167	3 Y E	Vlambare vloeistof
Edelgasse, mengsels.....	1979	2 T E	Nie-vlambare saamgeperste gas
Edelgasse, mengsels met stikstof.....	1981	2 T E	Nie-vlambare saamgeperste gas

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Edelgasse, mengsels met suurstof	1980	2 S E	Nie-vlambare saamgeperste gas
Epichloorhidrien	2023	2 W	Gifstof
Etaan, saamgepers	1035	2 P E	Vlambare gas
Etaan, verkoelde vloeistof	1961	2 W E	Vlambare gas
Etanolamien en oplossings daaryan	2491	2 T	Bytstof
Etanol (etielalkohol)	1170	2 S E	Vlambare vloeistof
Etielakrilaat, geïnhibeer	1917	3 W E	Vlambare vloeistof
Etielamielketoon	2271	3 Y	Vlambare vloeistof
Etielamien, 50-70% oplossing in water	2270	2 P E	Vlambare vloeistof
Etielamien (monoëtielamien)	1036	2 P E	Vlambare gas
Etielasetaat	1173	3 Y E	Vlambare vloeistof
Etielasetileen (but-1-yn)	2452	2 W E	Vlambare gas
Etielbenseen	1175	3 Y E	Vlambare vloeistof
Etielboraat (triëtielboraat)	1176	2 S E	Vlambare vloeistof
Etielbromied	1891	3 Y E	Gifstof
2-Etielbutanol	2275	3 Y	Vlambare vloeistof
Etielbutielasetaat	1177	3 Y	Vlambare vloeistof
Etielbutieleter (butieleter)	1179	3 Y E	Vlambare vloeistof
Etielbutiraat	1180	3 Y	Vlambare vloeistof
2-Etielbutiraldehyd	1178	3 Y E	Vlambare vloeistof
Etielchloried (chlooretaan)	1037	3 W E	Vlambare gas
Etielchloorasetaat	1181	2 W	Gifstof
Etielchloorformiaat (etielchloorkarbonaat)	1182	2 W E	Vlambare vloeistof
Etielchloorsilaan	1183	4 W E	Vlambare vloeistof
Etielformiaat	1190	3 Y E	Vlambare vloeistof
Etielheksaldehyd	1191	3 Y	Vlambare vloeistof
Etielkrotonaat	1862	3 Y E	Vlambare vloeistof
Etiellaktaat	1192	3 Y	Vlambare vloeistof
Etielmerkaptan (etaantiol)	2363	3 Y E	Vlambare vloeistof
Etielmetakrilaat	2277	3 Y E	Vlambare vloeistof
Etielmetieleter	1039	2 P E	Vlambare gas
Etielmetielketoon (metieletielketoon) (metieletielketoonbutaan)	1193	2 Y E	Vlambare vloeistof
Etielnitrietoplossings	1194	2 Y E	Vlambare vloeistowwe
1-Etielpiperidien	2386	3 W E	Vlambare vloeistof
Etielpropieleter (etoksipropaan-1)	2615	3 Y E	Vlambare vloeistof
Etielpropionaat	1195	3 Y E	Vlambare vloeistof
Etieltrichloorsilaan	1196	4 W E	Vlambare vloeistof
Etileen	1962	2 P E	Vlambare gas
Etileenchlorhidrien (2-chlooretanol)	1135	2 W	Gifstof
Etileendiamien (1,2-diaminoëtaan)	1604	2 P	Bytstof
Etileendibromied	1605	2 X	Gifstof
Etileendichloried (1-2-dichlooretaan)	1184	2 Y E	Vlambare vloeistof
Etileenglikolmonometieleterasetaat	1189	2 S	Vlambare vloeistof
Etileenglikolmonometieleter (metielglikol)	1188	2 S	Vlambare vloeistof
Etileenimien, geïnhibeer	1185	2 W E	Vlambare vloeistof
Etileenoksied (oksiraan, epoksiëtaan) met hoogstens 0,2% stikstof	1040	2 P E	Vlambare gas
Etileen, verkoelde vloeistof	1038	2 W E	Vlambare gas
2-Etoksiëtanol (etileenglikolmonoëtieler)	1171	2 S	Vlambare vloeistof
2-Etoksiëtielasetaat (etileenglikolmonoëtielerasetaat)	1172	2 S	Vlambare vloeistof
Fenielisosiënaat	2487	3 W	Gifstof
Fenieltrichloorsilaan	1804	4 X E	Bytstof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Fenol (karbolsuur), gesmelt	2312	2 X	Gifstof
Fenol (karbolsuur), vaste stof	1671	2 X	Gifstof
Fenolsulfoonsuur, vloeistof	1803	2 R	Bytstof
Ferrichloried (ysterchloried, ysterperchloried, ysterseskwichloried)	1773	2 R	Bytstof
Fluoor	1045	2 P E	Giftige gas
Fluoboorsuur (hidrofluoboorsuur)	1775	2 X	Bytstof
Fluoorfosforsuur, watervry	1776	2 X E	Bytstof
Fluosilikonsuur (silikofluoorsuur, hidrosilikofluoorsuur, hidrofluoorsilikonsuur, sandsuur)	1778	2 X	Bytstof
Fluoor sulfoonsuur	1777	4 W E	Bytstof
Foeselolie	1201	3 Y	Vlambare vloeistof
Formaldehydoplossings (byvoorbeeld formalien) met 'n ontbrandingspunt van hoogstens 61 °C	1198	2 S E	Vlambare vloeistof
Formaldehydoplossings met 'n ontbrandingspunt bo 61 °C (141 °F) (formalien, mieraaldehyd, metanaal)	2209	2 T	Ander gevaarlike stof
Fosfien (fosforhidried)	2199	2 W E	Giftige gas
Fosfor, amorfies (rooi fosfor)	1338	2 W E	Vlambare vaste stof
Fosforielchloried (fosforoksichloried)	1810	4 W E	Bytstof
Fosforoksibromied	1939	4 X E	Bytstof
Fosforpentachloried	1806	4 W E	Bytstof
Fosforpentasulfied vry van geel en wit fosfor	1340	4 Y E	Vlambare vaste stof
Fosforpentoksied (fosforsuur, watervry)	1807	4 W	Bytstof
Fosforseskwisulfied vry van geel en wit fosfor	1341	1 Y	Vlambare vaste stof
Fosforsuur (ortofosforsuur)	1805	2 R	Bytstof
Fosfortribromied (fosforigbromied)	1808	4 W E	Bytstof
Fosfortrichloried (fosforigchloried)	1809	4 W E	Bytstof
Fosfor, wit, gesmelt	2447	2 W E	Spontaan vlambare stof
Fosfor, wit of geel, droog of onder water of in oplossing	1381	2 W E	Spontaan vlambare stof
Fosgeen (karbonielchloried)	1076	2 X E	Giftige gas
Ftaalsuuranhidried	2214	2 X	Bytstof
Furfural	1199	2 W	Vlambare vloeistof
Furfurielamien	2526	2 P	Vlambare vloeistof
Furmarielchloried	1780	2 P	Bytstof
Gasolie	1202	3 Z	Vlambare vloeistof
Gaspetrol (aardgaspetrol)	1257	3 W E	Vlambare vloeistof
Gevaarlike afval wat isosianate bevat, N.A.G.	7022	4 W E	Ander gevaarlike stof
Gevaarlike afval wat organiese loodverbindinge bevat, N.A.G.	7023	4 W E	Ander gevaarlike stof
Gevaarlike afval met verskillende soorte inhoud, N.A.G.	7013	4 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof, wat anorganiese sianiedes bevat	7018	4 X	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, landbouchemikalieë wat toksies is, N.A.G.	7020	4 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, N.A.G.	7014	2 X	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, wat alkalieë bevat	7009	2 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, wat suur bevat	7007	2 W E	Ander gevaarlike stof
Gevaarlike afval, vaste stof of slik, wat toksies is, N.A.G.	7016	2 X	Ander gevaarlike stof
Gevaarlike afval, vlambare vaste stof of slik, N.A.G.	7012	3 W E	Ander gevaarlike stof
Gevaarlike afval, vlambare vloeistof met 'n ontbrandingspunt van 23 °C tot 61 °C	7011	3 W	Ander gevaarlike stof
Gevaarlike afval, vlambare vloeistof met 'n ontbrandingspunt van minder as 23 °C	7010	3 W E	Ander gevaarlike stof
Gevaarlike afval, vloeistof, landbouchemikalieë wat toksies is, N.A.G.	7021	4 W E	Ander gevaarlike stof
Gevaarlike afval, vloeistof, N.A.G.	7015	2 X	Ander gevaarlike stof
Gevaarlike afval, vloeistof wat alkalieë bevat	7008	2 W E	Ander gevaarlike stof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Gevaarlike afval, vloeistof wat anorganiese sianiedes bevat.....	7019	4 X	Ander gevaarlike stof
Gevaarlike afval, vloeistof wat suur bevat.....	7006	2 W E	Ander gevaarlike stof
Gevaarlike afval, vloeistof wat toksies is, N.A.G.....	7017	2 X	Ander gevaarlike stof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, nie-toksies; ontbrandingspunt 23 °C of laer, N.A.G.	1866	3 Y E	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, nie-toksies; ontbrandingspunt hoër as 23 °C, N.A.G.	1866	3 Y	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, toksies, ont- brandingspunt > 23 °C	1866	3 W	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, onoplosbaar in water, toksies, ont- brandingspunt < 23 °C	1866	3 W E	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, oplosbaar in water, nie-toksies; ont- brandingspunt > 23 °C	1866	2 Y	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, oplosbaar in water, nie-toksies; ont- brandingspunt < 23 °C	1866	2 Y E	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, oplosbaar in water, toksies; ontbran- dingspunt 23 °C of laer, N.A.G.	1866	2 W E	Vlambare vloeistof
Harsoplossing in vlambare vloeistof, oplosbaar in water, toksies; ontbran- dingspunt hoër as 23 °C, N.A.G.	1866	2 W	Vlambare vloeistof
Heksaan en sy isomere.....	1208	3 Y E	Vlambare vloeistowwe
Heksachloorbenseen (perchloorbenseen).....	2729	3 Z	Gifstof
Heksadekieltrichloorsilaan.....	1781	4 X E	Bytstof
Heksadien.....	2458	3 Y E	Vlambare vloeistof
Heksafluoorfosforsuur.....	1782	2 X E	Bytstof
Heksafluoorpropileen.....	1858	2 X E	Giftige gas
Heksaldehyd.....	1207	3 Y	Vlambare vloeistof
Heksameteleendiamienoplossing.....	1783	2 R	Bytstof
Heksanole.....	2282	3 Y	Vlambare vloeistowwe
Heks-1-een.....	2370	3 Y E	Vlambare vloeistof
Hekseltrichloorsilaan.....	1784	4 X E	Bytstof
Helium, saamgepers.....	1046	2 T	Nie-vlambare saamgeperste gas
Helium, verkoelde vloeistof.....	1963	2 R	Nie-vlambare saamgeperste gas
Hendekaan.....	2330	3 Y	Vlambare vloeistof
Heptaan en sy isomere.....	1206	3 Y E	Vlambare vloeistowwe
N-Hepteen.....	2278	3 Y E	Vlambare vloeistof
Hidrasien, watervry en sy waterige oplossing wat meer as 64% hidrasien per massa bevat	2029	2 P E	Bytstof
Hidrasienhidraat en waterige oplossings van hidrasien wat nie meer as 64% hidrasien per massa bevat nie	2030	2 P	Bytstof
Hidrokinoon (1,4-benseendiol, kinol, hidrokinol, p-dihidroksibenseen)....	2662	2 Z	Gifstof
Hipochloriet, oplossings wat meer as 5% beskikbare chloor bevat.....	1791	2 R	Bytstof
Insekdodergasse, toksies, N.A.G.....	1967	2 W E	Giftige gas
Isobutaan en isobutaanmengsels.....	1969	2 W E	Vlambare gas
Isobutanol (isobutiëlkohol).....	1212	3 Y	Vlambare vloeistof
Isobutiëlamien.....	1214	2 W E	Vlambare vloeistof
Isobutiëlasetaat.....	1213	3 Y E	Vlambare vloeistof
Isobutiëlisobutiraat.....	2528	3 Y	Vlambare vloeistof
Isobutiëlmetakrilaat.....	2283	3 Y	Vlambare vloeistof
Isobutiëraldehyd (isobutiëlaldehyd).....	2045	3 W E	Vlambare vloeistof
Isobutiëleen (isobuteen).....	1055	2 W E	Vlambare gas
Isobutironitriël.....	2284	3 W E	Vlambare vloeistof
Isododekaan (pentametiëlheptaan).....	2286	3 Y	Vlambare vloeistof
Isoforoon.....	7004	3 Z	Ander gevaarhoudende stof
Isoforoondiamien.....	2289	2 R	Bytstof
Isoheksen.....	2288	3 Y E	Vlambare vloeistof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Isohepteen.....	2287	3 ☒ Y E	Vlambare vloeistof
Isononanoïelperoksied, tegnies suiwer of in oplossing	2128	2 W E	Organiese peroksied
Isoökteen.....	1216	3 ☒ Y E	Vlambare vloeistof
Isopentene.....	2371	3 ☒ Y E	Vlambare vloeistof
Isopreen, geïnhibeer.....	1218	3 ☒ Y E	Vlambare vloeistof
Isopropanol (isopropielalkohol).....	1219	2 ☒ S E	Vlambare vloeistof
Isopropenielasetaat	2403	3 ☒ Y E	Vlambare vloeistof
Isopropenielbenseen (alfa-metielstireen) (2-fenielpropeen).....	2303	3 ☒ Y	Vlambare vloeistof
Isopropielasetaat	1220	3 ☒ Y E	Vlambare vloeistof
Isopropielbenseen (kumeen).....	1918	3 ☒ Y	Vlambare vloeistof
Isopropielformiaat	2408	3 Y E	Vlambare vloeistof
Isopropielnitrat.....	1222	3 Y E	Vlambare vloeistof
Isopropielamien	1221	2 W E	Vlambare vloeistof
Jodiummonochloried	1792	2 P E	Bytstof
Kaliumbifluoried.....	1811	2 X	Bytstof
Kaliumchloraat.....	1485	1 S	Oksiderende stof
Kaliumchloraatoplossing	2427	2 S	Oksiderende stof, uitgesonderd organiese peroksied
Kaliumfluoried.....	1812	2 Z	Gifstof
Kaliumhidroksiedoplossing (bytpotas).....	1814	2 R	Bytstof
Kaliumhidroksied, vaste stof.....	1813	2 R	Bytstof
Kaliummetaal.....	2257	4 W	Stowwe wat in kontak met water vlambare gasse afgee
Kaliumnitrat (salpeter).....	1486	1 ☒ T	Oksiderende stof, uitgesonderd organiese peroksied
Kalsiumsianied.....	1680	4 X	Gifstof
Kaliumsulfat, gehidrateer, wat 30% of meer kristallisasiewater bevat	1847	2 X	Bytstof
Kalsiumchloraat.....	1452	1 S	Oksiderende stof, uitgesonderd organiese peroksied
Kalsiumchloraatoplossing	2429	2 S	Oksiderende stof, uitgesonderd organiese peroksied
Kalsiumhipochloriet, droog, insluitende mengsels wat meer as 39% beskikbare chloor (8,8% beskikbare suurstof) bevat	1748	2 P E	Oksiderende stof, uitgesonderd organiese peroksied
Kalsiumkarbied (karbiedkalsium).....	1402	4 Y	Stowwe wat in kontak met water vlambare gasse afgee
Kalsiumnitrat.....	1454	1 ☒ T	Oksiderende stof, uitgesonderd organiese peroksied
Kamferolie.....	1130	3 ☒ Y	Vlambare vloeistof
Karbamaatplaagdoders (verbindings en bereidings), toksies, N.A.G., mengbaar met water, insluitende Ethiofencarb en Yaltox	2757	2 W	Gifstowwe
Karbamaatplaagdoders (verbindings en bereidings), toksies, N.A.G., nie mengbaar met water nie	2757	3 W	Gifstowwe
Karbamaatplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G.; ontbrandingspunt onder 32 °C, mengbaar met water, insluitende Croneton	2758	2 W E	Gifstowwe
Karbamaatplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G.; ontbrandingspunt onder 32 °C, nie mengbaar met water nie	2758	3 W E	Gifstowwe
Karbonielfluoried.....	2417	2 P E	Giftige gas
Karbonielfluoried (koolstofoksifluoried).....	2204	2 W E	Vlambare gas
Keroseen (paraffien).....	1223	3 ☒ Y	Vlambare vloeistof
Kinolien.....	2656	3 Z	Gifstof
Koolstofdiksied.....	1013	2 X E	Nie-vlambare saamgeperste gas
Koolstofdiksied-en-distikstofoksiedmengsels.....	1015	2 R E	Nie-vlambare saamgeperste gas
Koolstofdiksied-en-etileenoksiedmengsels wat nie meer as 17% etileen-oksied bevat nie	1952	2 P E	Vlambare gas
Koolstofdiksied-en-etileenoksiedmengsels wat nie meer as 10% koolstofdiksied bevat nie	1041	2 P E	Vlambare gas

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Koolstofdiksied-en-suurstofmengsels	1014	2 S	Nie-vlambare saamgeperste gas
Koolstofdiksied (koolstofanhydried) verkoelde vloeistof	2187	2 X E	Nie-vlambare saamgeperste gas
Koolstofdissulfied (koolstofbisulfied)	1131	3 W E	Vlambare vloeistof
Koolstofmonoksied	1016	2 S E	Vlambare gas
Koolstofmonoksied/waterstofmengsels (Fischer Tropsch-gas, sintese- gas, Blau-gas, watergas)	2600	2 S E	Gasse, saamgepers, vloeibaar of oplosbaar onder druk
Koolstoftetrachloried	1846	2 Z	Gifstof
Koolwaterstofgasse en mengsels van sodanige gasse, saamgepers, N.A.G.	1964	2 S E	Vlambare gas
Koolwaterstofgasse en mengsels van sodanige gasse, vloeibaar, N.A.G.	1965	2 W E	Vlambare gas
Kresielsuur	2022	2 X	Gifstof
Kresole (orto-meta- en para-)	2076	2 X	Gifstof
Krypton, saamgepers	1056	2 T	Nie-vlambare saamgeperste gas
Krypton, verkoelde vloeistof	1970	2 R E	Nie-vlambare saamgeperste gas
Krotonaldehid, gestabiliseer (beta-metielakroleien, 2-butanol krotonal- dehid)	1143	2 W E	Vlambare vloeistof
Krotonileen	1144	3 Y E	Vlambare vloeistof
Kumeenhidroperoksied, tegnies suiwer	2116	2 W	Organiese peroksied
Litiumhidroksiedmonohidraat	2680	2 R	Bytstof
Litiumhidroksiedoplossing	2679	2 R	Bytstof
Loodsulfaat wat meer as 3 % vry suur bevat	1794	2 X	Bytstof
Lug, saamgepers	1002	2 T	Nie-vlambare saamgeperste gas
Lug, verkoelde vloeistof	1003	2 P	Nie-vlambare saamgeperste gas
Maleïensuuranhidried	2215	2 X	Bytstof
Merkaptaan en mengsels, vloeistof, N.A.G.	1228	3 Y E	Vlambare vloeistof
Mesitieloksied	1229	3 W	Vlambare vloeistof
Metaan en natuurlike gasse met 'n hoë metaaninhoud, saamgepers	1971	2 S E	Vlambare gas
Metaan en natuurlike gasse met 'n hoë metaaninhoud, verkoelde vloeistof	1972	2 W E	Vlambare gas
Metakrielsuur, geïnhipeer	2531	3 X	Bytstof
Metanol (metielalkohol houtalkohol, colombiaanse spiritus)	1230	2 P E	Vlambare vloeistof
Metielaktrilaat, geïnhipeer	1919	3 W E	Vlambare vloeistof
Metielamiasetaat	1233	3 Y	Vlambare vloeistof
Metielamien, watervry	1061	2 P E	Vlambare gas
Metielamien, waterige oplossing	1235	2 P E	Vlambare vloeistof
Metielasetaat	1231	2 S E	Vlambare vloeistof
Metielasetileen gemeng met 15% tot 20% propadieen	1060	2 W E	Vlambare gas
Metielasetoon	1232	2 W E	Vlambare vloeistof
Metielbromied (broommetaan)	1062	2 X E	Giftige gas
2-Metiel-1-Buteen	2459	3 Y E	Vlambare vloeistof
2-Metiel-2-Buteen	2460	3 Y E	Vlambare vloeistof
Metielbutiraat	1237	3 Y E	Vlambare vloeistof
Metielchloried (chloormetaan)	1063	2 W E	Vlambare gas
Metielchloorasetaat	2295	2 W	Vlambare vloeistof
Metielchloorformiaat (metielchloorkarbonaat)	1238	3 W E	Vlambare vloeistof
Metielchloormetieleter (chloormetiel-metieleter)	1239	3 W E	Vlambare vloeistof
Metielchloorsilaan	2534	4 W E	Vlambare vloeistof
Metieldichloorsilaan	1242	4 W E	Vlambare vloeistof
Metielformiaat	1243	2 S E	Vlambare vloeistof
2-Metielfuraan	2301	3 Y E	Vlambare vloeistof
5-Metielheksaan-2-oon	2302	3 Y	Vlambare vloeistof
Metielhidrasien	1244	2 W E	Vlambare vloeistof
Metielisobutiylkarbinoel (metielamienalkohol M.I.B.C. 4-metielpentaan- 2-ol)	2053	3 Y	Vlambare vloeistof

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Metielisobutielketoon	1245	3 ☒ Y E	Vlambare vloeistof
Metielisopropenielketoon, geïnhibeer	1246	3 W E	Vlambare vloeistof
Metielisosijsanaat en oplossings	2480	3 W E	Vlambare vloeistof
Metielmerkaptan	1064	2 W E	Vlambare gas
Metielmetakrilaatmonomeer, geïnhibeer	1247	3 ☒ Y E	Vlambare vloeistof
Metielpentane	2462	3 ☒ Y E	Vlambare vloeistof
Metielpentadien	2461	3 ☒ Y E	Vlambare vloeistof
Metielpropielketoon	1249	3 ☒ Y E	Vlambare vloeistof
Metielpropionaat	1248	3 ☒ Y E	Vlambare vloeistof
Metielsianied (asetonitriël)	1648	2 W E	Gifstof
Metielsikloheksaan	2296	3 ☒ Y E	Vlambare vloeistof
Metielsikloheksanole (heksahidrometielfenool, heksahidrokresool) met 'n ontbrandingspunt laer as 141 °F (60,5 °C)	2617	3 ☒ Y	Vlambare vloeistowwe
Metielsikloheksanoon	2297	3 Y	Vlambare vloeistof
Metielsiklopentaa	2298	3 ☒ Y E	Vlambare vloeistof
Metieltetrahidrofuraan	2536	2 ☒ S E	Vlambare vloeistof
Metieltrichlorosilaan	1250	4 W E	Vlambare vloeistof
Metielvinielketoon	1251	2 P E	Vlambare vloeistof
Metilal	1234	2 ☒ Y E	Vlambare vloeistof
Metileen bis (fenileen diisosijsanaat)	2489	2 X	Gifstof
4-Metoksi-4-metielpentaa-2-oon	2293	3 ☒ Y	Vlambare vloeistof
Mieresuur	1779	2 R	Bytstof
Monochloordifluoromonobroommetaan	1974	2 R E	Nie-vlambare saamgeperste gas
Morfolien (tetrahydro-1,4-oksasien)	2054	2 P	Vlambare vloeistof
Motorpetrol-anti-klopmengsels (etielfluïed)	1649	2 X E	Gifstof
Motorspiritus (insluitende gasolien of petrol)	1203	3 ☒ Y E	Vlambare vloeistof
Nafta (koolteer, ongesuiwer en oplosser)	2553	3 ☒ Y E	Vlambare vloeistof
Naftaleen, gesmelt	2304	1 X	Vlambare vaste stof
Naftaleen (kreosootsoute), ongesuiwer of gesuiwer	1334	2 Z	Vlambare vaste stof
Nafta, oplosmiddel	1256	3 W	Vlambare vloeistof
Nafta, petroleum	1255	3 ☒ Y E	Vlambare vloeistof
Naftielamien (alfa)	2077	2 X	Gifstof
Natriumaluminaatoplossing	1819	2 R	Bytstof
Natriumchloraat (Sodachloraat)	1495	1 S	Oksiderende stof ander as organiese peroksied
Natriumchloraatoplossing	2428	2 S	Oksiderende stof ander as organiese peroksied
Natriumchloriet	1496	2 R	Oksiderende stof ander as organiese peroksied
Natriumchlorietoplossing wat meer as 5% beskikbare chloor bevat	1908	2 R	Bytstof
Natriumhidroksiedoplossing (bytsoda, vloeistof, natriumhidraat, loog)	1824	2 R	Bytstof
Natriumhidroksied, vaste stof	1823	2 R	Bytstof
Natrium, metaal	1428	4 W	Stowwe wat in aanraking met water vlambare gasse vrylaat
Natriummetaaldispersie in organiese vloeistof	1429	4 W	Stowwe wat in aanraking met water vlambare gasse vrylaat
Natriummetilaatoplossings in alkohol	1289	2 P E	Vlambare vloeistof
Natriummonoksied	1825	2 R	Bytstof
Natriumnitraat (chilisalpeter)	1498	1 ☒ T	Ander oksiderende stof as organiese peroksied
Natriumnitraat- en kaliumnitraatmengsels	1499	1 ☒ T	Ander oksiderende stof as organiese peroksied
Natriumnitriet	1500	1 Z	Ander oksiderende stof as organiese peroksied

Naam van stof	Stof-identifikasie-nummer	Nood-handelings-kode	Gevaarwaarskuwing
Natriumsianied	1689	4 X	Gifstof
Natriumsulfaat, gehidrateer, met ten minste 30% water	1849	2 R	Bytstof
Natriumsuperoksied	2547	4 W	Ander oksiderende stof as organiese peroksied
Natriumwaterstofsulfaat wat meer as 3% vry suur bevat	1821	2 R	Bytstof
Natriumwaterstofsulfied, vaste stof	2318	2 R	Spontaan ontvlambare stof
N-Butielmetakrilaat	2227	3 Y E	Vlambare vloeistof
N-Butielperioksidikarbonaat, maksimum konsentrasie 52% in oplossing ...	2169	2 W E	Vlambare vloeistof
N-Dekaan	2247	3 Y	Vlambare vloeistof
Neon, saamgepers	1065	2 T	Nie-vlambare saamgeperste gas
Neon, verkoelde vloeistof	1913	2 R	Nie-vlambare saamgeperste gas
Nikkelkarboniel	1259	4 W E	Vlambare vloeistof
Nitrate, anorganies, N.A.G.	1477	1 T	Ander oksiderende stof as organiese peroksied
Nitrate van soda en potas, mengsels	1478	1 T	Ander oksiderende stof as organiese peroksied
Nitrobenseen (nitrobensool mirbaanolie)	1662	2 X	Gifstof
Nitrobenseensulfoonsuur	2305	2 R	Bytstof
Nitrogliserien (gliserietrinitraat) oplossing in alkohol wat nie meer as 1% nitrogliserien bevat nie)	1204	2 S E	Vlambare vloeistof
Nitrohidrochloorsuur (waterstofmuriatsuur)	1798	2 R	Bytstof
Nitrokresole	2446	2 X	Gifstowwe
Nitrometaan	1261	2 Y E	Vlambare vloeistof
Nitrosellulose met, per massa, 'n stikstof inhoud wat nie 12,6% (kollodionkatoen) in oplossing in vlambare vloeistof oorskry nie, met 'n ontbrandingspunt laer as 23 °C en wat hoogstens 55% nitrosellulose bevat	2059	2 Y E	Vlambare vloeistof
Nitrosellulose met, per massa, 'n stikstofinhoud wat nie 12,6% (kollodionkatoen) in oplossing in vlambare vloeistof oorskry nie, met 'n ontbrandingspunt tussen 23 °C en 60,5 °C insluitend, mengbaar met water of nie, en wat hoogstens 55% nitrosellulose bevat	2060	2 Y	Vlambare vloeistof
Nitrosellulose met minstens 25% alkohol, per massa, en wat nie 12,6% stikstof per droë massa oorskry nie	2556	2 Y E	Vlambare vaste stof
Nitrosellulose met minstens 18% plastiserende stowwe per massa, en wat nie 12,6% stikstof per droë massa oorskry nie	2557	2 Y E	Vlambare vaste stof
Nitrosellulose met minstens 25% water per gewig	2555	1 Y E	Vlambare vaste stof
Nitrosielchloried	1069	2 R E	Giftige gas
Nitrosielswaelsuur	2308	4 W E	Bytstof
Nitrotoluene	1664	2 X	Gifstof
Nitrotoluidiene (mono)	2660	2 Z	Gifstof
Nitroxilene	1665	2 X	Gifstowwe
N,N-dimetielformamied	2265	2 P	Gifstof
Nonaan en sy isomere	1920	3 Y	Vlambare vloeistowwe
Nonieltrichloorsilaan	1799	4 X E	Bytstof
O-Dichloorbenseen (ortodichloorbenseen)	1591	2 Z	Gifstof
Oktaan en sy isomere	1262	3 Y E	Vlambare vloeistowwe
Oktadekieltrichloorsilaan	1800	4 X E	Bytstof
Oktafluorsiklobutaan	1976	2 R E	Nie-vlambare saamgeperste gas
Oliegas	1071	2 S E	Vlambare
Oktieltrichloorsilaan	1801	4 X E	Bytstof
Organofosforplaagdoders (verbindings en bereidings), toksies, N.A.G., vaste stowwe en water nie-mengbare vloeistowwe, insluitende disulfuton, (dimeton-5-metiel)	2783	3 W	Gifstof
Organofosforplaagdoders (verbindings en bereidings), toksies, N.A.G., vaste stowwe en watermengbare vloeistowwe, insluitende Disyston, Folimat	2783	2 W	Gifstowwe
Organofosforplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G., ontbrandingspunt laer as 32 °C, nie-mengbaar met water	2784	3 W E	Gifstowwe

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Organofosforplaagdoders (verbindings en bereidings), vloeistof, toksies, N.A.G., ontbrandingspunt laer as 32 °C, mengbaar met water, insluitende Metasystox 55	2784	2 W E	Gifstowwe
Ortoanisidien	2431	3 X	Gifstof
Paraldehyd	1264	2 S E	Vlambare vloeistof
Pentaaan-2,4-dioon	2310	2 S	Vlambare vloeistof
N-pentaaan en isopentaaan	1265	3 Y E	Vlambare vloeistof
Perchloorsuur met 'n suurkonsentrasie wat nie 50% per massa oorskry nie	1802	2 P	Bytstof
Perchloorsuur met meer as 50% suur, maar hoogstens 72% suurkonsentrasie per massa	1873	2 P	Oksiderende stof, uitgesonderd organiese peroksied
Petroleumbrandstof (sien nota 2 hieronder)	1270	3 Y E	Vlambare vloeistof
Petroleumdistillate, N.A.G., met 'n benseeninhoud van minder as 5% (sien nota 1 hieronder)	1268	3 Y E	Vlambare vloeistof
Petroleumgasse, vloeibaar	1075	2 W E	Vlambare gas
Petroleum-ru-olie	1267	3 W E	Vlambare vloeistof
Petroleumspiritus (bensoleen, petroleumeter)	1271	3 Y E	Vlambare vloeistof
Pikoliene (metielpiridien)	2313	2 S	Vlambare vloeistowwe
Pinaanhidroperoksied, tegnies suiwer	2162	2 W E	Organiese peroksied
Piperidien	2401	2 W E	Vlambare vloeistof
Piridien	1282	2 W E	Vlambare vloeistof
Pirosulfurielchloried	1817	4 W E	Bytstof
Pirrolidien	1922	2 S E	Vlambare vloeistof
p-Mentaanhidroperoksied, tegnies suiwer	2125	3 W E	Organiese peroksied
Poligechlorineerde bifeniële	2315	4 X	Ander gifstowwe
Polistreenkorrels, uitdybaar, wat vlambare vloeistof bevat	2211	3 Y	Ander gevaarlike stof
Propaan	1978	2 W E	Vlambare gas
Propaantiole	2402	3 W E	Vlambare vloeistowwe
Propadieen (alleen)	2200	2 W E	Vlambare gas
Propanol (propielalkohol)	1274	2 S E	Vlambare vloeistof
Propielamien (monopropielamien)	1277	2 W E	Vlambare vloeistof
Propielasetaat, normaal	1276	3 Y E	Vlambare vloeistof
Propielbenseen	2364	3 Y	Vlambare vloeistof
Propielchloried	1278	3 Y E	Vlambare vloeistof
Propielformiate	1281	3 Y E	Vlambare vloeistof
Propielnitraat, normaal	1865	2 W E	Vlambare vloeistof
Propieltrichlorosilaan	1816	4 W E	Bytstof
Propileen (propeen)	1077	2 W E	Vlambare gas
Propileendiamien	2258	2 P	Vlambare vloeistof
Propileendichloried	1279	2 Y E	Vlambare vloeistof
Propileenimien geïnhibeer	1921	2 W E	Vlambare vloeistof
Propileenoksied	1280	2 P E	Vlambare vloeistof
Propionaldehyd	1275	2 Y E	Vlambare vloeistof
Propionielchloried	1815	2 P E	Bytstof
Propionitriël	2404	2 W E	Vlambare vloeistof
Propionsuur	1848	2 P	Bytstof
Remolie, hidroulies	1118	3 Y	Vlambare vloeistof
Salpetersuur, uitgesonderd rooi rokendesalpetersuur	2031	2 P E	Bytstof

1. Wanneer benseeninhoud 5 persent of meer is, gebruik die inskrywing vir benseen.

2. Hierdie stof sluit nie butaan, butaanmengsels, kookwaterstofgasse en mengsels van sodanige gasse, N.A.G., of propaan in nie.

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Salpetersuur, rooi, rokend	2032	2 P E	Bytstof
Sekondêre butanol (sekondêre butielalkohol)	1121	2 S	Vlambare vloeistof
Sekondêre butielasetaat	1124	3 Y E	Vlambare vloeistof
Seleensuur	1905	2 X	Bytstof
Sesiumhidroksied	2682	2 R	Bytstof
Sesiumhidroksiedoplossing	2681	2 R	Bytstof
Sianiedoplossings	1935	2 X	Gifstowwe
Sianogeenchloried	1589	2 W E	Giftige gas
Siklobutaan (Tetrametileen)	2601	3 W E	Gasse, saamgepers, vloeibaar of oplosbaar onder druk
Sikloheksaan	1145	3 Y E	Vlambare vloeistof
Sikloheksanoon	1915	3 Y	Vlambare vloeistof
Siklohekseen	2256	3 Y E	Vlambare vloeistof
Sikloheksenietrichloor-silaan	1762	4 X E	Bytstof
Sikloheksielamien	2357	3 W E	Vlambare vloeistof
Sikloheksielasetaat	2243	3 Y	Vlambare vloeistof
Sikloheksieltrichloor-silaan	1763	4 X E	Bytstof
Sikloheptaan	2241	3 Y E	Vlambare vloeistof
Siklohepteen	2242	3 Y E	Vlambare vloeistof
Sikloöktadien	2520	3 Y	Vlambare vloeistof
Siklopetaan	1146	3 Y E	Vlambare vloeistof
Siklopentanol	2244	3 Y	Vlambare vloeistof
Siklopentanoon	2245	3 Y	Vlambare vloeistof
Siklopenteen	2246	3 Y E	Vlambare vloeistof
Siklopropan, vloeibaar	1027	2 W E	Vlambare gas
Silaan (waterstofsilisied)	2203	2 S E	Vlambare gas
Silikontetrachloried (silikonchloried)	1818	4 W E	Bytstof
Silikontetrafluoried	1859	2 P E	Giftige gas
p-Simeen (simool, metielpropielbenseen isopropieltoluëen, isopropiel- toluool)	2046	3 Y	Vlambare gas
Sinkchloriedoplossing	1840	2 R	Bytstof
Skalieolie	1288	3 W E	Geen
Soutsuur (kommersiële soutsuur) in oplossing	1789	2 R	Bytstof
Steenkoolgas	1023	2 S E	Vlambare gas
Steenkoolteerdistillaat met 'n ontbrandingspunt van hoogstens 32 °C (90 °F)	1136	3 W E	Vlambare vloeistof
Steenkoolteerdistillaat met 'n ontbrandingspunt bo 32 °C (90 °F) maar onder 61 °C (141 °F)	1137	3 W	Vlambare vloeistof
Stikstofdioksied (stikstoftetroksied), vloeibaar	1067	2 R E	Giftige gas
Stikstofoksied	1660	2 R E	Geen
Stikstofoksied- en stikstoftetroksiedmengsels	1975	2 R E	Giftige gas
Stikstof, saamgepers	1066	2 T	Geen
Stikstoftrifluoried	2451	2 P E	Giftige gas
Stikstof, verkoelde vloeistof	1977	2 R E	Geen
Stierenmonomeer, geinhibeer (sinnameen, sinnamol, feniletileen of viniel- benseen)	2055	3 Y	Vlambare vloeistof
Sulfurielchloried	1834	4 W E	Bytstof
Suurbutielfosfaat	1718	2 X	Bytstof
Suurmengsel, nitreersuur	1796	4 W E	Bytstof
Suurmengsels (nitreersuur), uitgewerk vry van plofstowwe	1826	2 P	Bytstof
Suurmengsels (waterstoffluoried en swaelsure)	1786	4 W E	Bytstof
Suurstofdifluoried	2190	2 P E	Giftige gas
Suurstof, saamgepers	1072	2 S	Nie-vlambare saamgeperste gas

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Suurstof, verkoelde vloeistof.....	1073	2 P E	Nie-vlambare saamgeperste gas
Swael	1350	2 Z	Vlambare vaste stof
Swaelchloriede (swaeldichloried, swaelmonochloried)	1828	2 R E	Bytstof
Swaeldioksied, vervloei.....	1079	2 R E	Giftige gas
Swaelheksafluoried	1080	2 R E	Nie-vlambare saamgeperste gas
Swaeligsuur	1833	2 R	Bytstof
Swael (gesmelt)	2448	2 X	Vlambare vaste stof
Swael suur	1830	2 P	Bytstof
Swael suur, rokend	1831	4 W E	Bytstof
Swael suur (uitgewerk)	1832	2 P	Bytstof
Swaeltetrafluoried	2418	2 P E	Giftige gas
Swaeltrioksied, geïnhibeer	1829	4 W E	Bytstof
Teervloeistowwe, insluitend padasfalt en -olies, bitumen.....	1999	2 W	Vlambare vloeistof
Terpeenkoolwaterstowwe, N.A.G.	2319	3 Y	Vlambare vloeistowwe
Terpentyn	1299	3 Y	Vlambare vloeistof
Terpentynvervangingsmiddel (witspiritus).....	1300	3 Y	Vlambare vloeistof
Tersiëre butanol (tersiëre butielalkohol)	1122	2 S E	Vlambare vloeistof
Tetrachlooretaan (asetileenetetrachloried)	1702	2 X E	Gifstof
Tetrachlooretileen (perchlooretileen)	1897	2 Z	Gifstof
Tetraetiëlsilikaat (etiëlsilikaat)	1292	3 Y	Vlambare vloeistof
Tetrafluoretileen, geïnhibeer.....	1081	2 E E	Nie-vlambare saamgeperste gas
Tetrafluormetaan	1982	2 T E	Nie-vlambare saamgeperste gas
1,2,3,6-Tetrahidrobensaldehid	2498	3 Y	Vlambare vloeistof
Tetrahidrofuraan	2056	2 S E	Vlambare vloeistof
Tetrametielammoniumhidroksied	1835	2 R	Bytstof
Tinchloried, watervry (tintetrachloried, rokende tinchloried)	1827	4 W E	Bytstof
Tiofosforielchloried (Fosforigsulfochloried).....	1837	4 X E	Bytstof
Tioglikolsuur	1940	2 X	Bytstof
Tionielchloried	1836	4 W E	Bytstof
Tiopen.....	2414	3 W E	Vlambare vloeistof
Titaantetrachloried	1838	4 W E	Bytstof
Tolueen (Toluool).....	1294	3 Y E	Vlambare vloeistof
Tolueendiisosiënaat (tolileendiisosiënaat, tolueendiisosiënaat)	2078	2 X E	Gifstof
Toluidiene	1708	3 X	Gifstowwe
2,4-Tolueendiënamien	1709	2 X	Gifstof
Triallielamien.....	2610	3 Y	Vlambare vloeistof
Trichloorasynsuur.....	1839	2 R	Bytstof
Trichlooretileen	1710	2 Z	Gifstof
Trichloorsilaan	1295	4 W E	Stof wat in kontak met water vlambare gas vrylaat
Triëtiëlamien	1296	3 W E	Vlambare vloeistof
Triëtiëndiamien	2675	2 R	Bytstof
Triëtiëntetramien.....	2259	2 R	Bytstof
Trifluoorchlooretileen	1082	2 W E	Vlambare gas
Trifluooretaan vlambare saamgeperste gas	2035	2 W E	Vlambare gas
Trifluormetaan	1984	2 R E	Nie-vlambare saamgeperste gas
Triisobutileen.....	2324	3 Y	Vlambare vloeistof
Trimetielamine, watervry	1083	2 P E	Vlambare gas
Trimetielamien, waterige oplossings wat hoogstens 30% trimetielamien bevat	1297	2 P E	Vlambare vloeistowwe
1,3,5-Trimetielbenseen	2325	3 Y	Vlambare vloeistof
Trimetielboraat	2416	2 S	Vlambare vloeistof

Naam van stof	Stof- identifikasie- nommer	Nood- handelings- kode	Gevaarwaarskuwing
Trimietielchloorsilaan.....	1298	4 W E	Vlambare vloeistof
3,3,5-Trimietielheksametileendiamien.....	2327	2 R	Bytstof
Trimietielfosfiet.....	2329	3 Y	Vlambare vloeistof
Tripropielamien.....	2260	3 W	Vlambare vloeistof
Tripropileen (propileentrimeer).....	2057	3 Y	Vlambare vloeistof
Valeraldehyd (amielaldehyd, pentanaal, valeral, N-valeraldehyd, vale- riaanaldehyd, isovaleraldehyd)	2058	3 Y	Vlambare vloeistof
Vinielasetaat, geïnhibeer.....	1301	3 Y E	Vlambare vloeistof
Vinielbromied, geïnhibeer.....	1085	3 Y E	Vlambare gas
Vinielchloried, geïnhibeer.....	1086	2 W E	Vlambare gas
Vinieletieleter, geïnhibeer.....	1302	3 Y E	Vlambare vloeistof
Vinielfluoried, geïnhibeer.....	1860	2 W E	Vlambare gas
Vinielideenchloried, geïnhibeer.....	1303	3 Y E	Vlambare vloeistof
Vinielisobutieleter, geïnhibeer.....	1304	3 Y E	Vlambare vloeistof
Vinielmetieleter, geïnhibeer.....	1087	2 W E	Vlambare gas
Vinieltolueen (metielstireen, metiëlviniëlenseen, tolieletileen) gemengde isomere, geïnhibeer	2618	3 Y	Vlambare vloeistof
Vinieltrichloorsilaan, geïnhibeer.....	1305	4 W E	Vlambare vloeistof
Vloeibare nie-vlambare gasse gevul met stikstof, koolstofdioksied of lug...	1058	2 R	Nie-vlambare saamgeperste gas
Warfarien.....	2476	1 Z	Gifstof
Waterstofbromied, watervry.....	1048	2 R E	Giftige gas
Waterstofbromiedsuur (waterstofbromiedoplossing).....	1788	2 R	Bytstof
Waterstofchloried, watervry.....	1050	2 R E	Giftige gas
Waterstofchloried, verkoelde vloeistof.....	2186	2 R E	Giftige gas
Waterstof en metaanmengsels (vlambare saamgeperste gas).....	2034	W S E	Vlambare gas
Waterstoffluoried, watervry.....	1052	4 W E	Giftige gas
Waterstoffluoriedsuuroplossing (fluorsuur, waterstoffluoriedoplossing) wat 60% of meer waterstoffluoried bevat	1790	4 W E	Bytstof
Waterstoffluoriedoplossing wat minder as 60% waterstoffluoried bevat.....	1790	2 P E	Bytstof
Waterstofjodiedsuur (waterstofjodiedoplossing).....	1787	2 R	Bytstof
Waterstofperoksied en sy waterige oplossings, gestabiliseer, wat meer as 60% waterstofperoksied bevat	2015	2 P E	Oksiderende stof, uitgesonderd orga- niese peroksied
Waterstofperoksied, waterige oplossings wat ten minste 8% en hoogstens 60% waterstofperoksied (gestabiliseer na gelang dit nodig is) bevat	2014	2 P	Oksiderende stof, uitgesonderd orga- niese peroksied
Waterstof, saamgepers.....	1049	2 S E	Vlambare gas
Waterstofselenied (hidroseleensuur), watervry.....	2202	2 P E	Vlambare gas
Waterstofsianiedsuur, waterige oplossings wat hoogstens 20% van die stof bevat	1613	2 W E	Gifstowwe
Waterstofsianied (waterstofsianiedsuur), watervry, gestabiliseer.....	1051	2 W E	Giftige gas
Waterstofsianied (waterstofsianiedsuur), watervry, gestabiliseer, geab- sorbeer in 'n poreuse, onaktiewe materiaal	1614	2 W E	Gifstof
Waterstofsulfied (gesulfureerde waterstof), vloeibaar.....	1053	2 W E	Vlambare gas
Waterstof, verkoelde vloeistof.....	1966	2 W E	Vlambare gas
Ysasynsuur en meer as 90% per gewig.....	1842	2 P	Vlambare vloeistof
Xenon.....	2036	2 T E	Nie-vlambare saamgeperste gas
Xileen (Xilol).....	1307	3 Y	Vlambare vloeistof
Xilenol.....	2261	2 X	Gifstof
Xilidien.....	1711	3 X	Gifstof

ANNEXURE I

PART II

ALTERNATIVE SUBSTANCE IDENTIFICATION NUMBERS AND EMERGENCY ACTION CODES FOR CERTAIN SUBSTANCES

Where any of the substances reflected in column 1 below are being conveyed, the substance identification number and emergency action code corresponding thereto in columns 2 and 3 respectively may be used as an alternative to those reflected in Part I of this Annexure.

1 Substance	2 Alternative substance identification number	3 Alternative emergency action code
Turpentine substitute	1268	3 ☐ Y E
Gas oil	1270	3 ☐ Y E
Petrol	1270	3 ☐ Y E
Kerosene	1270	3 ☐ Y E

PART III

INTERPRETATION OF COLUMN 3 IN PARTS I AND II OF THIS ANNEXURE

1. The *number* reflected in an emergency action code indicates the equipment suitable for fire-fighting and where appropriate for dispersing spillages, as shown below:

- "1" water jets;
- "2" water fog;
- "3" foam;
- "4" dry agent.

Notes:

- (1) In the absence of fog equipment, a fine spray of water may be used.
- (2) Dry agent—contact between these substances and water is hazardous.

2. The *first letter* of an emergency action code indicates the appropriate precautions in the event of a fire or a spillage, as indicated by the table below:

Letter	Danger of violent reaction or explosion	Protective clothing and breathing apparatus	Appropriate measures
P	Yes	Full protective clothing	Dilute
R	No	Full protective clothing	Dilute
S	Yes	Breathing apparatus	Dilute
☐ S	Yes	Breathing apparatus for fire only	Dilute
T	No	Breathing apparatus	Dilute
☐ T	No	Breathing apparatus for fire only	Dilute
W	Yes	Full protective clothing	Contain
X	No	Full protective clothing	Contain
Y	Yes	Breathing apparatus	Contain
☐ Y	Yes	Breathing apparatus for fire only	Contain
Z	No	Breathing apparatus	Contain
☐ Z	No	Breathing apparatus for fire only	Contain

Notes:

- (1) "Full protective clothing" includes breathing apparatus.
- (2) Where "breathing apparatus" is indicated, protective gloves are appropriate.
- (3) "Dilute" indicates that the substance may be washed to drain with a large quantity of water.
- (4) "Contain" indicates a need to avoid spillages from entering drains or water courses.

3. Where the letter "E" occurs at the end of the emergency action code, evacuation of people from the neighbourhood of an incident should be considered.

AANHANGSEL I

DEEL II

ALTERNATIEWE STOFIDENTIFIKASIENOMMERS EN NOODHANDELINGSKODE VIR SEKERE STOWWE

Indien enige van die stowwe vervoer word wat in kolom 1 hieronder gelys word, kan die stofidentifikasienommer en die noodhandelingskode daarteenoor aangedui in onderskeidelik kolom 2 en 3 gebruik word as 'n alternatief vir dié wat in Deel I van hierdie Aanhangel verskyn.

1 Stof	2 Alternatiewe stofidentifikasienommer	3 Alternatiewe noodhandelingskode
Terpentynsubstituut.....	1268	3 ☐ Y E
Gasolie	1270	3 ☐ Y E
Petrol	1270	3 ☐ Y E
Kerosene	1270	3 ☐ Y E

DEEL III

VERTOLKING VAN KOLOM 3 IN DEEL I EN II VAN HIERDIE AANHANGSEL

1. Die *syfer* in die noodhandelingskode dui die toerusting aan wat geskik is vir brandbestryding en waar van toepassing vir die dispersie van stortings—

- "1" waterstraal;
- "2" watermis;
- "3" skuim;
- "4" droë middel.

Opmerkings:

(1) By afwesigheid van toerusting vir watermis kan 'n fyn watersproei gebruik word.

(2) Droë middel—aanraking van hierdie stowwe met water is gevaarlik.

2. Die *eerste letter* van 'n noodhandelingskode dui die toepaslike voorsorgmaatreëls aan in die geval van 'n brand of 'n storting soos hieronder:

Letter	Gevaar van geweldige reaksie of ontploffing	Skutklere en asemhaalapparaat	Toepaslike maatreëls
P	Ja	Skutklere vir hele liggaam	Verdun
R	Nee	Skutklere vir hele liggaam	Verdun
S	Ja	Asemhaalapparaat	Verdun
☐ S	Ja	Asemhaalapparaat slegs vir brand	Verdun
T	Nee	Asemhaalapparaat	Verdun
☐ T	Nee	Asemhaalapparaat slegs vir brand	Verdun
W	Ja	Skutklere vir hele liggaam	Dam in
X	Nee	Skutklere vir hele liggaam	Dam in
Y	Ja	Asemhaalapparaat	Dam in
☐ Y	Ja	Asemhaalapparaat slegs vir brand	Dam in
Z	Nee	Asemhaalapparaat	Dam in
☐ Z	Nee	Asemhaalapparaat slegs vir brand	Dam in

Opmerkings:

- (1) "Skutklere vir hele liggaam" sluit asemhaalapparaat in.
- (2) Waar "asemhaalapparaat" aangedui word, is beskermende handskoene toepaslik.
- (3) "Verdun" beteken dat die stof met 'n groot hoeveelheid water in afvoerslote gespoel kan word.
- (4) "Dam in" dui aan dat voorkom moet word dat stortings in afvoerslote en waterlope beland.

3. Waar die letter "E" aan die einde van die noodhandelingskode voorkom, moet ontruiming van mense in die nabyheid van die voorval oorweeg word.

ANNEXURE 2

Regulations 1 (1) and 5

MULTI-LOAD EMERGENCY ACTION CODE

- The multi-load emergency action code shall consist of—
 - a number from "1" to "4"; followed by
 - a letter; followed, in certain cases, by
 - the letter "E".
- For the purposes of paragraph 3 below any of the letters "S", "T", "Y" and "Z" when shown in column 3 of Part I or Part II of Annexure 1 as a black letter on a white background shall be treated as a different letter when shown in that column from a white letter on a black background.
- (1) The number of the multi-load emergency action code is the highest number of any occurring in the emergency action codes for each individual prescribed hazardous substance shown in column 3 of Part I or Part II of Annexure 1.
- (2) To determine the first letter of the multi-load emergency action code, take the first letter of the emergency action code for each individual substance and apply the following:
 - If it is the same letter in each case then that letter is the first letter of the multi-load emergency action code.
 - If there are two different letters then take one of the letters and select the vertical column in the code chart in subparagraph (3) below, which is headed (on the top horizontal line) by that letter, then take the other letter and select the horizontal line of letters which has that letter in the left hand vertical column, then the letter in the square where the first mentioned vertical column and that horizontal line meet ("the resultant letter") is the first letter of the multi-load action code.
 - If there are three different letters then take any two of them and proceed as in paragraph (b) above, then take the resultant letter and do the same again using the resultant letter and the letter for the third substance; the letter in the square where the vertical column headed (on the top horizontal line) by the resultant letter and the horizontal line of letters which has the letter for the third substance in its left hand vertical column meet will be the first letter of the multi-load action code.
 - If there are more than three different letters proceed as above taking the resultant letter each time with one of the other letters until all the other letters have been used; the letter in the square when the last other letter is used will be the first letter of the multi-load action code.

(3) The code chart is—

	P	R	S	S	T	T	W	X	Y	Y	Z	Z
P	P	P	P	P	P	P	W	W	W	W	W	W
R	P	R	P	P	R	R	W	X	W	W	X	X
S	P	P	S	S	S	S	W	W	Y	Y	Y	Y
S	P	P	S	S	S	S	W	W	Y	Y	Y	Y
T	P	R	S	S	T	T	W	X	Y	Y	Z	Z
T	P	R	S	S	T	T	W	X	Y	Y	Z	Z
W	W	W	W	W	W	W	W	W	W	W	W	W
X	W	X	W	W	X	X	W	X	W	W	X	X
Y	W	W	Y	Y	Y	Y	W	W	Y	Y	Y	Y
Y	W	W	Y	Y	Y	Y	W	W	Y	Y	Y	Y
Z	W	X	Y	Y	Z	Z	W	X	Y	Y	Z	Z
Z	W	X	Y	Y	Z	Z	W	X	Y	Y	Z	Z

AANHANGSEL 2

Regulasies 1 (1) en 5

MEERVAGNOODHANDELINGSKODE

- Die meervagnoodhandelingskode moet bestaan uit—
 - 'n syfer van "1" tot "4"; gevolg deur
 - 'n letter; in sekere gevalle gevolg deur
 - die letter "E".
- Vir die doeleindes van paragraaf 3 verskil die betekenis van die letters "S", "T", "Y" en "Z", wanneer dit in kolom 3 van Deel I of Deel II van Aanhangel 1 as 'n swart letter op 'n wit agtergrond vertoon word, van die betekenis van dieselfde letters indien dit as 'n wit letter op 'n swart agtergrond vertoon word.
- (1) Die syfer van die meervagnoodhandelingskode is die hoogste van die syfers wat voorkom in die noodhandelingskode vir elke afsonderlike gegroepeerde gevaarhoudende stof gelys in die derde kolom van Deel I of Deel II van Aanhangel 1.
- (2) Ten einde die eerste letter van die meervagnoodhandelingskode te bepaal, moet die eerste letter van die noodhandelingskode van elke afsonderlike stof vergelyk word:
 - Indien dit dieselfde letter vir elk van die betrokke stowwe is, is daardie letter die eerste letter van die meervagnoodhandelingskode.
 - Indien dit twee verskillende letters is, kies eenige van die twee letters en selekteer die spesifieke letter in die vertikale kolom aan die linkerkant van die kodekaart in subparagraaf (3) hieronder; neem dan die ander (tweede letter en selekteer die letter in die horisontale kolom boaan die kodekaart; die letter wat die snypunt vorm waar die betrokke vertikale en horisontale kolom mekaar kruis ("die resulterende letter"), is die eerste letter van die meervagnoodhandelingskode.
 - Indien daar drie verskillende letters is, neem enige twee daarvan en volg die prosedure soos in paragraaf (b) hierbo beskryf; neem dan die resulterende letter en herhaal die prosedure deur gebruik te maak van die resulterende letter en die oorblywende (derde) letter; die letter wat die snypunt vorm waar die vertikale en horisontale kolom kruis, is die eerste letter van die meervagnoodhandelingskode.
 - Indien daar meer as drie verskillende letters is word die prosedure wat hierbo beskryf is, herhaal deur elke keer die resulterende letter saam met een van die ander letters te gebruik totdat al die ander letters gebruik is; die resulterende letter wanneer die laaste letter gebruik is, is die eerste letter van die meervagnoodhandelingskode.

(3) Die kodekaart is soos volg:

(4) Nothing in Annexure 2 shall be construed as authorising the carrying of any two substances in one load if it would create a danger to mix them.

(5) The letter "E" shall be included as the last letter of the multi-load action code if it occurs in the emergency action codes of any one of the substances in the multi-load.

4. Where a multi-load consists of the substances specified in subparagraph (a) of column 1 below or 2 or more of the substances specified in subparagraph (b) of that column then the load may be treated as if it were a single load with the substance identification number and emergency action code shown opposite in columns 2 and 3 respectively.

1 Substances which may be carried using the substance identification number and emergency action code shown in columns 2 and 3	2 Substance identification number	3 Emergency action code
(a) 1300 Turpentine substitute (White spirit) 1268 Petroleum distillates, N.O.S., with a Benzene content of less than 5%	1268	3 Y E
(b) 1202 Gas oil 1203 Petrol 1223 Kerosene 1270 Petroleum fuel N.O.S.	1270	3 Y E

ANNEXURE 3

Regulations 1, 3, 4, 5, 6, 7 and 8

PART I

HAZARD WARNING SIGNS

1. The hazard warning signs that shall be used on hazard warning panels and compartment labels are set out in Part II of this Annexure.

2. The hazard warning sign to be displayed on a road tanker carrying a multi-load shall be the sign for "other hazardous substances and multi-loads of substances of different hazards" unless the hazard as ascertained from column 4 of Part I of Annexure 1 for each individual substance in the multi-load is the same, when it shall be the sign for that hazard.

3. Each hazard warning sign shall be in the form of a square set with its sides at an angle of 45° to the vertical and the length of the sides shall be—

(a) in the case of signs on hazard warning panels, 200 millimetres; or

(b) in the case of signs on compartment labels, 95 millimetres.

4. Signs for hazard warning panels shall, for any part of the sign that is not black, have a border at least 5 millimetres wide.

5. The signs shall conform in colour to the table below and such colours shall conform to the specifications given in Part II of Annexure 4.

Description of sign	Symbol	Lettering	Background
Flammable liquids	Black or white	Black or white	Red
Flammable solids	Black	Black	White with vertical red stripes
Flammable gases	Black or white	Black or white	Red
Toxic gasses	Black	Black	White
Non-flammable compressed gases	Black or white	Black or white	Green
Toxic substances	Black	Black	White
Harmful substances	Black	—	White
Corrosive substances	Black	White	White upper half, black lower half
Organic peroxides	Black	Black	Yellow
Oxidising substances	Black	Black	Yellow
Substances which in contact with water emit flammable gases	Black or white	Black or white	Blue
Spontaneously combustible substances	Black	Black or white	White upper half, red lower half
Other hazardous substances and multi-loads of different hazards	Black	—	White

(4) Niks in Aanhangsel 2 moet vertolk word as sou dit die vervoer van enige twee stowwe in een vrag, indien dit 'n gevaar skep as dit gemeng word, magtig nie.

(5) Die letter "E" moet as die laaste letter van die meervragnoodhandelingskode ingesluit word indien dit voorkom in die noodhandelingskode van enige van die stowwe van die meervrag.

4. Waar 'n meervrag uit stowwe bestaan gelys in subparagraaf (a) van kolom 1 hieronder of uit twee of meer van die stowwe gelys in subparagraaf (b) van daardie kolom, kan die vrag geag word 'n enkelvrag te wees met die stofidentifikasienommer en die noodhandelingskode wat daarteenoor in onderskeidelik kolomme 2 en 3 verskyn.

1 Stowwe wat vervoer kan word deur gebruik te maak van die stofidentifikasienommer en die noodhandelingskode wat in kolomme 2 en 3 verskyn	2 Stof-identifikasienommer	3 Noodhandelingskode
(a) 1300 Terpentynsubstituut (wit-spiritus) 1268 Petroleumdistillate, N.A.G., met 'n benseeninhoud van minder as 5%	1268	3 Y E
(b) 1202 Gasolie 1203 Petrol 1223 Kerosen 1270 Petroleumbrandstof, N.A.G.	1270	3 Y E

AANHANGSEL 3

Regulasies 1, 3, 4, 5, 6, 7 en 8

DEEL I

GEVAARWAARSKUWINGSTEKENS

1. Die gevaarwaarskuwingstekens wat op gevaarwaarskuwingspanele vertoon moet word en kompartementetikette word uiteengesit in Deel II van hierdie Aanhangsel.

2. Die gevaarwaarskuwingstekens wat op padtekenwaens wat 'n meervrag vervoer, moet verskyn, is die teken vir 'ander gevaarhoudende stowwe en meervragte van stowwe van verskillende gevare' tensy die gevaar dieselfde is ooreenkomstig die vierde kolom van Deel I van Aanhangsel 1 vir elke afsonderlike stof in die meervrag, in welke geval dit die waarskuwingstekens vir daardie gevaar moet wees.

3. Elke gevaarwaarskuwingsteken moet in die vorm van 'n vierkant wees met die sye teen 'n hoek van 45° met die vertikale as (diamantvorm) en die lengte van die sye moet—

(a) in die geval van tekens op gevaarwaarskuwingspanele, 200 millimeter wees; of

(b) in die geval van tekens op kompartementetikette, 95 millimeter wees.

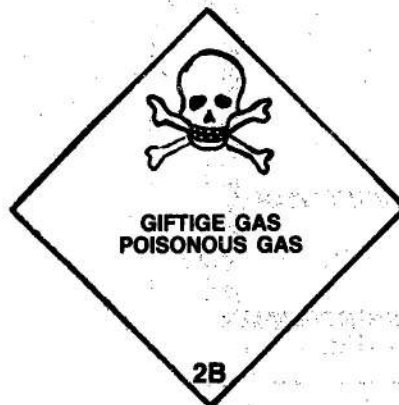
4. Tekens vir gevaarwaarskuwingspanele moet, vir enige gedeelte van die teken wat nie swart is nie, van 'n swart omlyning van ten minste 5 millimeter wyd voorsien wees.

5. Die tekens moet voldoen aan die kleure van die tabel hieronder en sodanige kleure moet voldoen aan die spesifikasies vervat in Deel II van Aanhangsel 4.

Beskrywing van teken	Simbool	Letters	Agtergrond
Vlambare vloeistowwe	Swart of wit	Swart of wit	Rooi
Vlambare vaste stowwe	Swart	Swart	Wit met vertikale rooi strepies
Vlambare gasse	Swart of wit	Swart of wit	Rooi
Giftige gasse	Swart	Swart	Wit
Nie-vlambare saamgeperste gasse	Swart of wit	Swart of wit	Groen
Gifstowwe	Swart	Swart	Wit
Skadelike stowwe	Swart	—	Wit
Bytstowwe	Swart	Wit	Boonste helfte wit, onderste helfte swart
Organiese peroksiedes	Swart	Swart	Geel
Oksiderende stowwe	Swart	Swart	Geel
Stowwe wat in aanraking met water vlambare gasse vrylaat	Swart of wit	Swart of wit	Blou
Spontaan ontvlambare stowwe	Swart	Swart of wit	Boonste helfte wit, onderste helfte rooi
Ander gevaarhoudende stowwe en meervragte van verskillende gevare	Swart	—	Wit

PART II/DEEL II

ANNEXURE 3 / AANHANGSEL 3



OTHER HAZARDOUS SUB-
STANCES AND MULTI-LOADS OF
SUBSTANCES OF DIFFERENT
HAZARDS

ANDER GEVAARHOUDENDE
STOWWE EN MEERVRAAGTE VAN
STOWWE VAN VERSKILLENDIGE
GEVARE

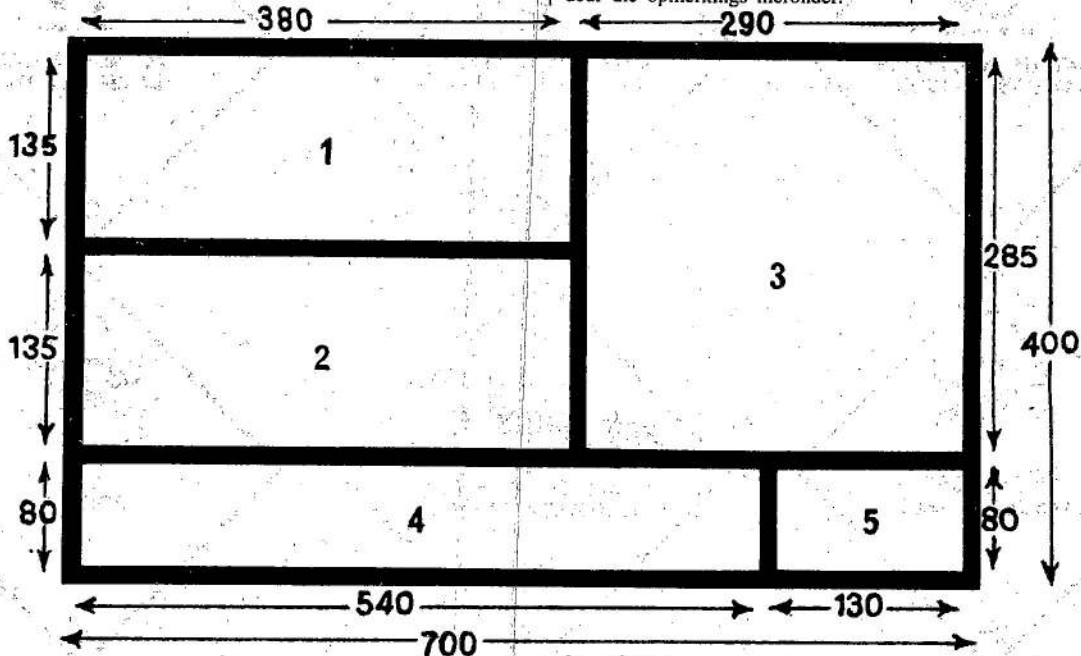
ANNEXURE 4

Regulations 1, 3, 4, 5, 6, 7 and 8

PART I

FORM AND SPECIFICATION OF HAZARD WARNING PANELS AND COMPARTMENT LABELS

1. The form of the hazard warning panel is set out below and the spaces shall be used for the purposes indicated by the notes below:



Notes:

- (1) Space for emergency action code.
- (2) Space for substance identification number and if included name of the substance or in the case of multi-loads the word "multi-load".
- (3) Space for hazard warning sign.
- (4) Space for telephone number or other approved text.
- (5) Space for optional manufacturer's or owner's name or house symbol, or both.

2. The colour of the hazard warning panel shall be orange and shall conform to the specification for that colour in Part II below, except for the space for the hazard warning sign which shall be white and the borders, internal dividing lines, words, letters and figures, which shall be black.

3. The specification for hazard warning panels for single loads is set out below with dimensions in millimetres:

AANHANGSEL 4

Regulasies 1, 3, 4, 5, 6, 7 en 8

DEEL I

VORM EN SPESIFIKASIE VAN GEVAARWAARSKUWINGSPANELE EN KOMPARTEMENTETIKETTE

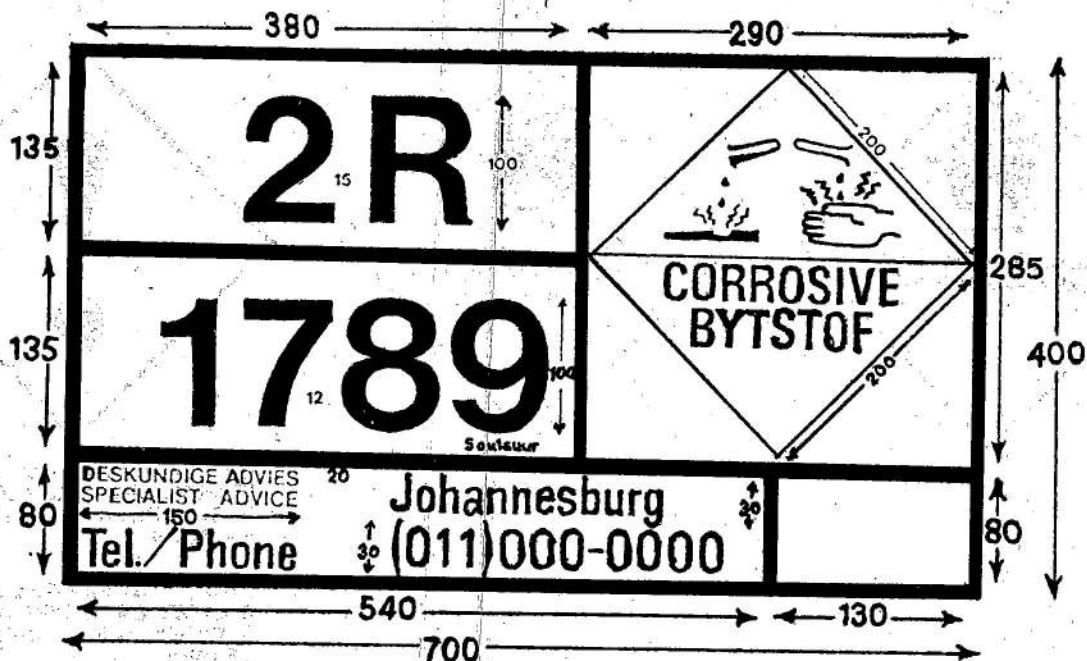
1. Die gevaarwaarskuwingspaneel moet saamgestel word soos hieronder uiteengesit en die spasies moet gebruik word vir die doeleindes aangedui deur die opmerkings hieronder:

Opmerkings:

- (1) Spasie vir die noodhandelingskode.
- (2) Spasie vir die stofidentifikasienommer en, indien dit daarby ingesluit word, die naam van die stof, of in die geval van meervragte, die woord "meervrag".
- (3) Spasie vir gevaarwaarskuwingstekens.
- (4) Spasie vir telefoonnommer of ander goedgekeurde teks.
- (5) Spasie vir opsionele vervaardiger of eienaar se naam of vervaardigingskenteken, of beide.

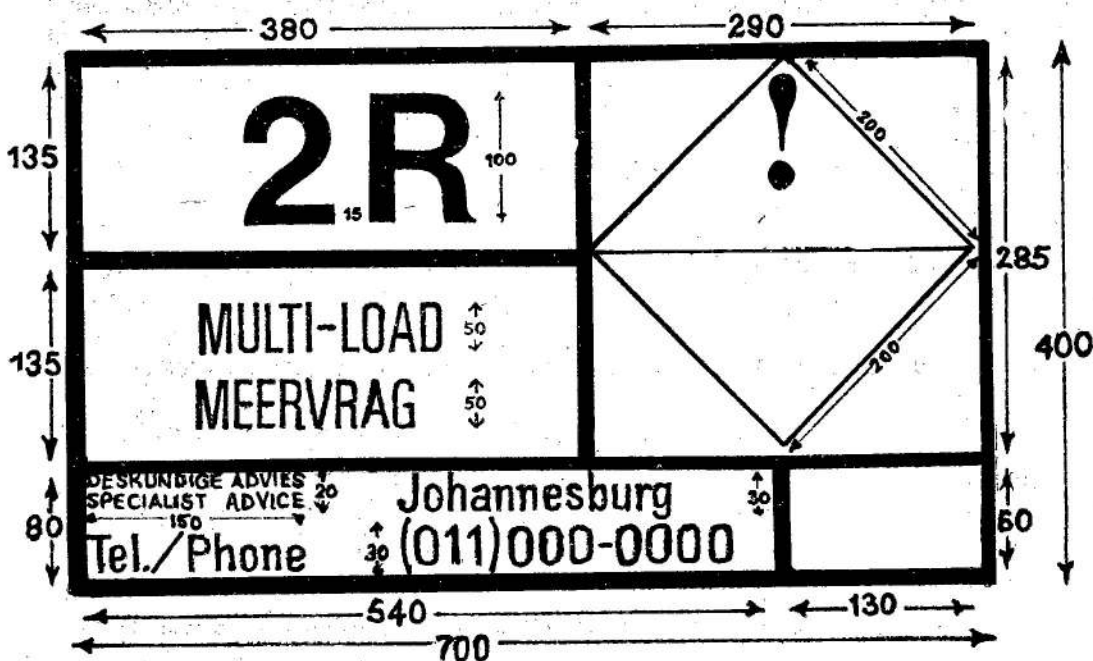
2. Die kleur van die gevaarwaarskuwingspaneel moet oranje wees en moet voldoen aan die spesifikasie vir daardie kleur soos aangedui in Deel II hieronder, met die uitsondering van die spasie van die gevaarwaarskuwingstekens wat wit moet wees, en die grense, interne skeidingslyne, woorde, letters en figure, wat swart moet wees.

3. Die spesifikasie van die gevaarwaarskuwingspaneel vir enkelvragte word hieronder uiteengesit met afmetings in millimeter.



4. The specification for hazard warning panels for multi-loads is set out below with dimensions in millimetres:

4. Die spesifikasies van gevaarwaarskuingspaneel vir meervragte word hieronder uiteengesit met afmetings in millimeter.

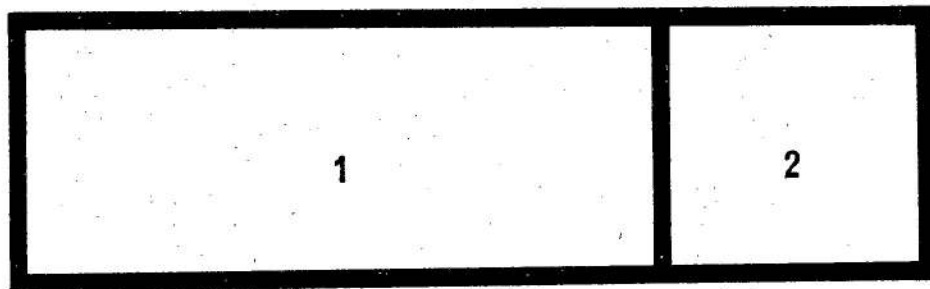


5. Where the emergency action code or the multi-load emergency action code ascertained from Schedule 1 or 2 is a white letter on a black background it shall be displayed on the panel as orange on a black background; the letter shall appear in a black rectangle having a height of 110 millimetres and a width 10 millimetres greater than the width of the letter.

6. The form of the compartment label for multi-loads of substances of different hazards is set out below and the spaces shall be used for the purposes indicated by the notes below:

5. Waar die noodhandelingskode of die meervragnoodhandelingskode bepaal ooreenkomstig Aanhangsel 1 of 2 'n wit letter op 'n swart agtergrond is, moet dit op die paneel getoon word as oranje op 'n swart agtergrond en die letter moet verskyn in 'n swart reghoek wat 'n hoogte van 110 millimeter en 'n breedte van 10 millimeter groter as die breedte van die letter het.

6. Die vorm van die kompartementetikette vir meervragte van stowwe van verskillende gevare, word hieronder uiteengesit en die spasies moet aangewend word vir die doeleindes aangedui deur die opmerkings hieronder:



Notes:

(1) Space for substance identification number and, if included, name of the substance.

(2) Space for hazard warning sign.

7. Where the multi-load consists of substances of the same hazards the square labelled (2) in paragraph 6 above may be omitted from the compartment label.

8. The colour of the compartment label shall be orange and shall conform to the specification for that colour in Part II below except for the space for the hazard warning sign, where one is required, which shall be white and the borders which shall be black.

9. The specification for compartment labels is set out below with dimensions in millimetres.

Opmerkings:

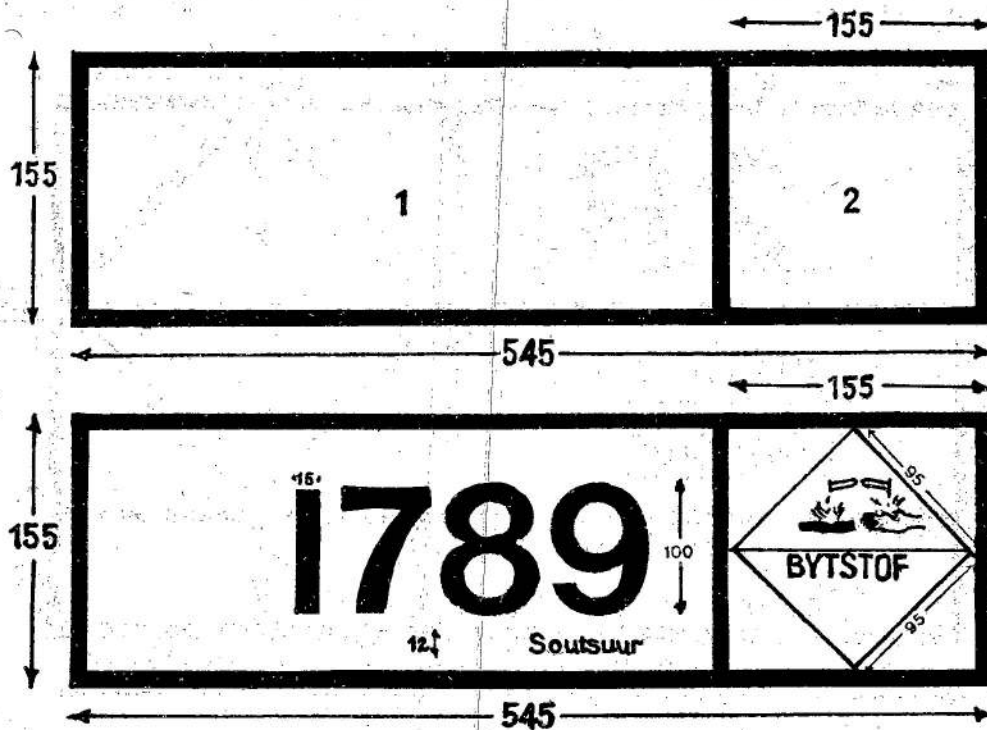
(1) Spasie vir stofidentifikasienommer en, indien dit ingesluit word, die naam van die stof.

(2) Spasie vir gevaarwaarskuwingstekens.

7. Waar die meervrag uit stowwe van dieselfde gevaar bestaan, kan die vierkant (2) in paragraaf 6 hierbo weggelaat word uit die kompartement-etiket.

8. Die kleur van die kompartementetiket moet oranje wees en moet voldoen aan die spesifikasie vir daardie kleur in Deel II hieronder, uitgesonderd in die geval van die gevaarwaarskuwingstekens, waar een vereis word, in welke geval dit wit en die grense daarvan swart moet wees.

9. Die spesifikasie van kompartementetikette word hieronder uiteengesit met afmetings in millimeter.



PART II

SPECIFICATIONS FOR COLOURS OF HAZARD WARNING PANELS, COMPARTMENT LABELS AND HAZARD WARNING SIGNS

The colours of the various parts of the panel, in conditions of normal use, shall have chromaticity co-ordinates lying within the areas on the chromaticity diagram bounded by the appropriate limits given in the table below.

Colour	Chromaticity co-ordinates of colour points determining the permitted colour area illuminant				
Red.....	x	0,644	0,565	0,590	0,677
	y	0,356	0,356	0,300	0,323
Orange.....	x	0,520	0,520	0,578	0,618
	y	0,380	0,400	0,422	0,380
Yellow.....	x	0,481	0,455	0,455	0,532
	y	0,518	0,480	0,450	0,467
Green.....	x	0,125	0,160	0,200	0,140
	y	0,440	0,440	0,370	0,350
Blue.....	x	0,180	0,180	0,145	0,100
	y	0,165	0,075	0,070	0,109

DEEL II

SPESIFIKASIES VIR KLEURE VAN GEVAARWAARSKUWINGS-PANELE, KOMPARTEMENTETIKETTE EN GEVAARWAARSKUWINGSTEKENS

Die kleure van die verskillende dele van die paneel moet van normale gebruikstoestande oor kromatisiteitskoördinate beskik binne die perke op die kromatisiteitsdiagram afgebaken deur die toepaslike maksimums op onderstaande tabel aangetoon.

Kleur	Kromatisiteitskoördinate van kleurpunt wat die toelaatbare kleurgebied-illuminant bepaal				
Rooi.....	x	0,644	0,565	0,590	0,677
	y	0,356	0,356	0,300	0,323
Oranje.....	x	0,520	0,520	0,578	0,618
	y	0,380	0,400	0,422	0,380
Geel.....	x	0,481	0,455	0,455	0,532
	y	0,518	0,480	0,450	0,467
Groen.....	x	0,125	0,160	0,200	0,140
	y	0,440	0,440	0,370	0,350
Blou.....	x	0,180	0,180	0,145	0,100
	y	0,165	0,075	0,070	0,109

ANNEXURE 5

Regulations 9, 10, 11 and 12

PART I
HAZCHEM SCALE CARD

Hazchem Scale

FOR FIRE OR SPILLAGE

Hazchem		Issue No. 1
UN No.		

Notes for guidance

- 1 JETS
- 2 FOG
- 3 FOAM
- 4 DRY AGENT

FOG

In the absence of fog equipment a fine spray may be used.

DRY AGENT

Water must not be allowed to come into contact with the substance at risk.

V

Can be violently or even explosively reactive.

FULL

Full body protective clothing with BA.

BA

Breathing apparatus plus protective gloves.

DILUTE

May be washed to drain with large quantities of water.

CONTAIN

Prevent, by any means available, spillage from entering drains or water course.

P	v	FULL	DILUTE
R			
S	v	BA	
S		BA for FIRE only	
T		BA	CONTAIN
T		BA for FIRE only	
W	v	FULL	
X			
Y	v	BA	CONTAIN
Y		BA for FIRE only	
Z		BA	
Z		BA for FIRE only	
E		CONSIDER EVACUATION	

AANHANGSEL 5

Regulasies 9, 10, 11 en 12

DEEL I

SKAALKAART VIR GEVAARHOUDENDE CHEMIKALIEË

Skaal vir gevaarhoudende chemikalieë

Gevaarhou- dende chemi- kalieë		Uitgawe No. 1
VN No.		

VIR BRAND OF STORTING

Verklarende opmerkings

- 1 STRAAL
- 2 MIS
- 3 SKUIM
- 4 DROË MIDDEL

MIS

As misapparaat nie beskikbaar is nie, kan 'n fyn sproeiëreël gebruik word.

DROË MIDDEL

Water mag nie in aanraking met die materiaal kom nie.

V

Mag met geweld reageer of selfs ontplof.

VOL

Skutklere vir hele liggaam met AA.

AA

Asemhaalapparaat met beskermende handskoene.

VERDUN

Kan met baie water in afvoertype afgespoel word.

DAM IN

Voorkom sover moontlik dat materiaal in afvoertype of waterlope beland.

P	v	VOL	VERDUN
R			
S	v	AA	
S		AA slegs vir BRAND	
T		AA	DAM IN
T		AA slegs vir BRAND	
W	v	VOL	
X			
Y	v	AA	DAM IN
Y		AA slegs vir BRAND	
Z		AA	
Z		AA slegs vir BRAND	
E		OORWEEG ONTRUIMING	

ANNEXURE 6

ACCIDENT REPORT

ACCIDENT ARISING FROM THE CONVEYANCE OF DANGEROUS GOODS

1. Name of company
2. Date and time of accident
3. Location of accident
4. Cause of accident
5. Brief description of accident
6. No. of casualties: Fatal Injuries
7. Brief details of any damage to property due to nature of chemical(s) involved
8. Approximate quantity of chemical spilled
9. Were chemicals and/or container involved in fire? YES/NO.
10. Brief details of any emission of fumes (direction of travel and area affected)
11. Type of container involved:
Single load tank ☐ Multi-compartmented tank ☐
Other (specify)
12. Name(s) of product(s) involved
13. Name and address of chemical company whose products are involved
14. Details of (Hazchem) markings on product:
Correct ☐ Not correct ☐ None ☐
15. Written instructions accompanying product:
Trem card ☐ None ☐
Other (specify)
16. Was specialist assistance requested? YES/NO.
17. If yes to 16, from where was the advice obtained?
18. Give details of response to request for specialist assistance

No. R. 2127

8 October 1982

REGULATIONS IN TERMS OF THE HAZARDOUS SUBSTANCES ACT, 1973 (ACT 15 OF 1973).—AMENDMENTS

The Minister of Health and Welfare intends, by virtue of the powers vested in him by section 29 (1) (u) of the Hazardous Substances Act, 1973 (Act 15 of 1973), to amend the regulations published under Government Notice R. 453 of 25 March 1977—

- (1) by the substitution for the expression "R10" of the expression "R20" in regulation 2 (4);
- (2) by the substitution for the expression "R10" of the expression "R50" in regulation 9 (3).

Interested persons are invited to submit any substantiated comments on the intended amendments, or representations they may wish to make in regard thereto, to the Director-General: Health and Welfare, Private Bag X63, Pretoria, 0001, for the attention of the Director: Consumer Goods within three months of the date of publication of this notice.

AANHANGSEL 6

ONGELUKSVERSLAG

ONGELUK VOORTVLOEIEND UIT DIE VERVOER VAN GEVAARHOUDENDE STOWWE

1. Naam van maatskappy
2. Datum en tyd van ongeluk
3. Plek van ongeluk
4. Oorsaak van ongeluk
5. Kort beskrywing van ongeluk
6. Aantal ongevalle: Noodlottig Beserings
7. Besonderhede van enige skade aan eiendom a.g.v. die betrokke soort chemikalie(ë)
8. Beraamde hoeveelheid chemikalie gestort
9. Was die chemikalie en/of tenk betrokke in 'n brand: JA/NEE.
10. Besonderhede i.v.m. enige afgee van gasse (rigting waarin dit trek asook gebied wat geraak word)
11. Tipe houer betrokke:
Enkelvragtenk ☐ Meervragtenk ☐
Ander (spesifiseer)
12. Naam (name) van produk(te) betrokke
13. Naam en adres van chemiese maatskappy wie se produkte betrokke is
14. Besonderhede van tekens (Hazchem) op betrokke produk(te):
Korrek ☐ Nie korrek nie ☐ Geen ☐
15. Geskrewe instruksies wat produk vergesel:
Vervoermoodkaart ☐ Geen ☐
Ander (spesifiseer)
16. Is deskundige advies aangevra? JA/NEE.
17. Indien ja vir 16, waar is deskundige advies verkry?
18. Gee besonderhede van reaksie op versoek om deskundige advies

No. R. 2127

8 Oktober 1982

REGULASIES KRAGTENS DIE WET OP GEVAARHOUDENDE STOWWE, 1973 (WET 15 VAN 1973).—WYSIGINGS

Die Minister van Gesondheid en Welsyn is voornemens om kragtens die bevoegdheid hom verleen by artikel 29 (1) (u) van die Wet op Gevaarhoudende Stowwe, 1973 (Wet 15 van 1973), die regulasies afgekondig by Goewermentskennisgewing R. 453 van 25 Maart 1977 te wysig—

- (1) deur die uitdrukking "R10" te vervang deur die uitdrukking "R20" in regulasie 2 (4);
- (2) deur die uitdrukking "R10" te vervang deur die uitdrukking "R50" in regulasie 9 (3).

Belanghebbendes word versoek om binne drie maande na die datum van publikasie van hierdie kennisgewing gemotiveerde kommentaar oor, of verhoë wat hulle in verband met die voorgename wysigings wil rig, aan die Direkteur-generaal: Gesondheid en Welsyn, Privaatsak X63, Pretoria, 0001, vir aandag: Direkteur: verbruikersgoedere, voor te lê.

No. R. 2128

8 October 1982

HAZARDOUS SUBSTANCES ACT, 1973
(ACT 15 OF 1973)DECLARATION OF GROUP II HAZARDOUS
SUBSTANCES

The Minister of Health and Welfare intends, by virtue of the powers vested in him by section 2 (1) (a) of the Hazardous Substances Act, 1973, to declare the substances specified in the Schedule hereto to be Group II hazardous substances.

Interested persons are invited to submit any substantiated comments on the proposed declaration, or any representations they may wish to make in regard thereto, to the Director-General: Health and Welfare, Private Bag X63, Pretoria, 0001 (for the attention of the Director: Consumer Goods), within three months of the date of publication of this notice.

SCHEDULE

N.O.S. means "not otherwise specified".

Acetal.
Acetaldehyde (aldehyde).
Acetaldehyde ammonia.
Acetic anhydride.
Acetone.
Acetone cyanohydrin.
Acetyl bromide.
Acetyl chloride.
Acetylene, dissolved.
Acetyl iodide.
Acid butyl phosphate.
Acid mixtures, hydrofluoric and sulphuric.
Acid mixtures, nitrating acid.
Acid mixtures (nitrating acid) spent, free from explosives.
Acrolein (acraldehyde), inhibited.
Acrolein dimer, stabilised (2-formyl-3, 4-dihydro-2H-pyran).
Acrylamide.
Acrylic acid, inhibited.
Acrylonitrile, inhibited.
Adiponitrile (1,4-dicyano-butane, tetramethylene cyanide).
Air, compressed.
Air, refrigerated, liquid.
Alcohol, denatured (methylated spirit).
Alcohol, industrial.
Alkyl, aryl and toluene sulphuric acids, liquid, gelling, containing not more than 5 per cent of free sulphuric acid.
Alkyl, aryl and toluene sulphuric acids, liquid, non-gelling, containing not more than 5 per cent of free sulphuric acid.
Allyl acetate.
Allyl alcohol.
Allylamine.
Allyl bromide.
Allyl chloride (3-chloro-propene).
Allyl chloroformate.

No. R. 2128

8 Oktober 1982

WET OP GEVAARHOUDENDE STOWWE, 1973
(WET 15 VAN 1973)VERKLARING VAN GROEP II GEVAARHOUDENDE
STOWWE

Die Minister van Gesondheid en Welsyn is voornemens om kragtens die bevoegdheid hom verleen by artikel 2 (1) (a) van die Wet op Gevaarhoudende Stowwe, 1973, die stowwe in die Bylae hiervan tot Groep II gevaarhoudende stowwe te verklaar.

Belanghebbende persone word versoek om binne drie maande na die datum van publikasie van hierdie kennisgewing enige *gemotiveerde* kommentaar of vertoë in verband met die voorgestelde verklaring aan die Direkteur-generaal: Gesondheid en Welsyn, Privaatsak X63, Pretoria, 0001, te stuur vir aandag van die Direkteur: Verbruikers goedere.

BYLAE

N.A.G. beteken "nie anders gespesifiseer".
Adiponitriël (1, 4-disianobutaan, tetrametileensianied).
Akrielsuur, geïnhibeer.
Akrilamied.
Akrilonitriël, geïnhibeer.
Akroleïen (akraldehyd), geïnhibeer.
Akroleïendimeer, gestabiliseer (2-formiel -3, 4-dihidro-2H-piraan).
Alfachloropropionsuur.
Alfapineen.
Alfametiëvaleraldehyd.
Alkiel-, ariel- en toluenswaelsuur (jellende vloeistof wat hoogstens 5 persent vry swaelsuur bevat).
Alkiel-, ariel- en toluenswaelsuur (nie-jellende vloeistof wat hoogstens 5 persent vry swaelsuur bevat).
Alkohol, gedenatureer (brandspiritus).
Alkohol, industrieel.
Allielalkohol.
Allielamien.
Allielasetaat.
Allielbromied.
Allielchloried (3, chloropropreen).
Allielchloroformiaat.
Allielformiaat.
Allielglisidieleter.
Allieljodied.
Allieltrichlorosilaan, gestabiliseer.
Aluminiumbromied, anhidries.
Aluminiumchloried, anhidries.
Aluminiumtriëtiel.
Aluminiumtrimetiel.
Amielalkohol (primêr en sekondêr).
Amielalkohol, tersiêr (2 Metielbutaan-2-ol).
Amielamien.
Amielasetaat.
Amielchloried.

Allyl formate.
 Allyl glycidyl ether.
 Allyl iodide.
 Allyl trichlorosilane, stabilised.
 alpha-Chloropropionic acid.
 alpha-Pinene.
 alpha-Methyl valeraldehyde.
 Aluminium bromide, anhydrous.
 Aluminium chloride, anhydrous.
 Aluminium triethyl.
 Aluminium trimethyl.

Ammonia, anhydrous, liquefied and ammonia solutions having a density (specific gravity) of less than 0.880 at 15 °C in water, containing over 50 per cent ammonia.

Ammonia solutions containing more than 10 per cent but not more than 35 per cent ammonia and having a specific gravity at 15 °C from 0.957 to 0.880 in water.

Ammonia solutions having a density (specific gravity) of less than 0.880 at 15 °C in water, containing more than 35 per cent but not more than 50 per cent ammonia.

Ammonia nitrate, containing not more than 0,2 per cent of combustible substances, including any organic substances calculated as carbon, to the exclusion of any other added substances.

Ammonium Nitrate Liquid (not concentrated solution).

Amyl acetate.

Amyl alcohol, tertiary (2 methyl butan -2-).

Amyl alcohols (primary and secondary).

Amylamine.

Amyl Chloride.

Amylene, normal (1-pentene).

Amyl Formate.

Amyl mercaptan.

Amyl methyl ketone (Methyl amyl ketone).

Amyl nitrate.

Amyl nitrite.

Amyltrichlorosilane.

Aniline (aniline oil, phenylamine, aminobenzene).

Anisole.

Anisoyl chloride.

Antimony pentachloride (antimony perchloride), liquid.

Antimony pentafluoride.

Antimony pentachloride (antimony perchloride), liquid.

Antimony Trichloride (antimonious chloride, caustic antimony, butter of antimony, mineral butter).

Argon, compressed.

Argon, refrigerated liquid.

Arsine (hydrogen arsenide).

Battery fluid (electrolyte).

Benzaldehyde.

Benzene (Benzol).

Benzene thiol (thiophenol).

Benzine.

Benzotrichloride.

Benzotrifluoride.

Amielformiaat.

Amielmerkaptaan.

Amielmetielketoon (metielamielketoon).

Amielnitraat.

Amielnitriet.

Amieltrichlorosilaan.

Amileen, normaal (1-Penteen).

Ammoniakoplossings met 'n digtheid (soortlike massa) van minder as 0,880 by 15 °C in water, wat meer as 35 persent maar hoogstens 50 persent ammoniak bevat.

Ammoniakoplossings wat meer as 10 persent maar hoogstens 35 persent ammoniak bevat, met 'n soortlike massa by 15 °C van 0,957 tot 0,880 in water.

Ammoniak, watervry, vloeibaar en ammoniakoplossings met 'n digtheid (soortlike massa) van minder as 0,880 by 15 °C in water, en wat meer as 50 persent ammoniak bevat.

Ammoniumnitraat met nie meer as 0,2 persent brandbare stowwe nie, insluitend enige organiese stof bereken as koolstof, met die uitsluiting van enige ander bygevoegde stof.

Ammoniumnitraatvloeistof (warmgekonsentreerde oplossing).

Anilien (anilienolie, fenielamien, aminobenseen).

Anisoëlchloried.

Anisool.

Antimoonpentachloried (antimoonperchloried), vloeistof.

Antimoonpentafluoried.

Antimoontrichloried (Antimonouschloried, bytende antimoon, botterantimoon, mineraalbotter).

Argon, verkoelde vloeistof.

Argon, saamgepers.

Arsien (waterstofarsenied).

Asetaal.

Asetaldehyd (aldehyd).

Asetaldehydammoniak.

Asetielbromied.

Asetielchloried.

Asetieljodied.

Asetileen, opgelos.

Asetoon.

Asetoonsiaanhydrien.

Asynsuuranhydried.

Batteryvloeistof (elektroliet).

Bensaldehyd.

Benseen (bensol).

Benseentiol (tiofenol).

Bensielbromied.

Bensielchloried.

Bensien.

Bensoëlchloried.

Bensotrichloried.

Bensotrifluoried.

Boortrichloried.

Boortrifluoried.

Boortrifluoried-asynsuurkompleks.

Boortrifluorieddiëtieleteraat.

- Benzoyl chloride.
 Benzyl bromide.
 Benzyl chloride.
 Boron trichloride.
 Boron trifluoride.
 Boron trifluoride acetic acid complex.
 Boron trifluoride Diethyl etherate.
 Brake fluid, hydraulic.
 Bromine and solutions of Bromine.
 Bromine pentafluoride.
 Bromine trifluoride.
 Bromoacetic acid.
 Bromoacetyl bromide.
 Bromobenzene.
 2-bromobutane.
 Bromopropanes (isopropyl bromide).
 Bromotrifluoroethylene.
 Bromotrifluoromethane.
 Butadiene, inhibited.
 Butanedione.
 Butane or butane mixtures.
 Butane-1-thiol.
 Butanol (butyl alcohol).
 Secondary Butanol (secondary butyl alcohol).
 Tertiary Butanol (tertiary butyl alcohol).
 Butyl acetate, normal.
 Secondary Butyl acetate.
 Butylacrylate.
 Butylamine, normal.
 Butyl benzene (2-methyl-2-phenylpropane 1-phenylbutane: 2-phenylbutane).
 Butyl bromide, normal.
 Butylene (Butene).
 Butyl formate, normal.
 n-butyl methacrylate.
 Butyl nitrite.
 n-butyl peroxydicarbonate, maximum concentration 52 per cent in solution.
 Butyl toluenes (p-tert-butyl toluene).
 Butyltrichlorosilane.
 Butyl vinyl ether.
 Butyraldehyde.
 Butyronitrile.
 Butyryl chloride.
 Caesium hydroxide.
 Caesium hydroxide solution.
 Calcium carbide (carbide of calcium).
 Calcium chlorate.
 Calcium chlorate solution.
 Calcium hypochlorite, dry, including mixtures containing more than 39 per cent available chlorine (8,8 per cent av. oxygen).
 Calcium nitrate.
 Camphor oil.
 Broomasetielbromied.
 Broomasynsuur.
 Broombenseen.
 2-Broombutaan.
 Broom en oplossings van broom.
 Broompentafluoried.
 Broompropane (isopropielbromied).
 Broomtrifluoried.
 Broomtrifluooretileen.
 Broomtrifluoormetaan.
 Butaandioon.
 Butaan of butaanmengsels.
 Butaan-1-tiol.
 Butadien, geïnhibeer.
 Butanol (butielalkohol).
 Butielakrilaat.
 Butielamien, normaal.
 Butielasetaat, normaal.
 Butielbenseen (2-metiel-2-fenielpropaan; 1-fenielpropaan; 2-fenielpropaan).
 Butielbromied, normaal.
 Butielformiaat, normaal.
 Butielnitriet.
 Butieltoluene (p-tertbutieltoluene).
 Butieltrichlorosilaan.
 Butielvinieleter.
 Butileen (buteen).
 Butiraldehyd.
 Butirielchloried.
 Butironitriël.
 Bytende alkalivloeistowwe N.A.G.
 Chloor.
 Chlooranelien, vloeistof.
 Chloorasetielchloried.
 Chloorasynsuur (monochloorasynsuur), vloeistof.
 Chloorasynsuur, vaste stof.
 Chloorbenseen (monochloorbenseen).
 Chloorbensotrifluoried.
 Chloorbutaan (1-chloorbutaan, butielchloried normaal, 2-chloorbutaan).
 Chloordifluooretaan.
 1,1,1,-Chloordifluooretaan.
 Chloordifluoormetaan (monochloordifluoormetaan).
 Chloordinitrobenseen (dinitrochloorbenseen).
 Chloorfenieltrichloorsilaan.
 Chloorfenolaat (chloorfenole), vaste stof.
 Chloorfenolaat (chloorfenole), vloeistof.
 Chloorkresol.
 Chloornitrobenseen.
 Chloor-orto-nitrotoluene.
 Chloorpentafluooretaan.
 Chloorpreen, geïnhibeer.

Carbamate pesticides and herbicides with an LD value above 50mg/kg.

Carbon dioxide.

Carbon dioxide and ethylene oxide mixtures containing not more than 10 per cent carbon dioxide.

Carbon dioxide and ethylene oxide mixtures containing not more than 17 per cent ethylene oxide.

Carbon dioxide and nitrous oxide mixtures.

Carbon dioxide and oxygen mixtures.

Carbon dioxide (carbonic anhydride), refrigerated liquid.

Carbon monoxide.

Carbon monoxide/Hydrogen mixtures (Fischer Tropsch gas, synthesis gas, blau gas, water gas).

Carbon tetrachloride.

Carbonyl fluoride.

Carbonyl sulphide (carbon oxysulphide).

Caustic alkali liquids N.O.S.

Chlorine.

Chlorine trifluoride.

Chloroacetic acid (monochloroacetic acid), liquid.

Chloroacetic acid, solid.

Chloroacetyl chloride.

Chloroaniline, liquid.

Chlorobenzene (monochlorobenzene).

Chlorobenzotrifluoride.

Chlorobutanes (1-chlorobutane, butyl chloride normal 2-chlorobutane).

Chlorocresol.

Chlorodifluoroethane.

1,1,1-chlorofluoroethane.

Chlorodifluoromethane (monochlorodifluoromethane).

Chlorodinitrobenzene (dinitrochlorobenzene).

Chloroform.

Chloronitrobenzene.

Chloro-ortho-nitrotoluene.

Chloropentafluoroethane.

Chlorophenates (chlorophenols), liquid.

Chlorophenates (chlorophenols), solid.

Chlorophenyl trichlorosilane.

Chloroprene, inhibited.

2-Chloropropane (isopropyl chloride).

Chlorosulphonic acid (with or without sulphur trioxide).

Chlorotetrafluoroethane.

Chlorotoluene.

Chlorotrifluoromethane (trifluorochloromethane).

Chromic acid solution.

Chromic fluoride, solid.

Chromic fluoride solution.

Chromium oxychloride.

Coal gas.

Coal tar distillate with a flash-point equal to or below 32 °C (90 °F).

Coal tar distillate with a flash-point above 32 °C (90 °F) but less than 61 °C (141 °F).

Cresols (ortho-meta- and para-).

Cresylic acid.

2-Chloorpropaan (isopropielchloried).

Chloorsulfoonsuur (met of sonder swaeltrioksied).

Chloortetrafluoretaan.

Chloortolueen.

Chloortrifluormetaan (trifluorchloormetaan).

Chloortrifluoried.

Chloroform.

Chroomfluoriedoplossing.

Chroomfluoried, vaste stof.

Chroomoksichloried.

Chroomsuuroplossing.

Dekahidronaftaleen (dekalien).

Denneolie.

Deuterium (swaar waterstof).

Diallielamien.

Diallieleter.

Di-(N-butil)-amien.

4,4-Diaminodifenielamien.

4,4-Diaminodifenielmetaan (p,p-metileendianilien).

Diasetoonalkohol.

Diboraan.

Dibroombenseen (metadibroombenseen; 1,3-dibroombenseen).

Dibutieleter (butieleter).

Dichloorasetielchloried.

Dichloorasynsuur.

Dichloordifluormetaan.

1,1-Dichlooretaan.

Dichlooretieleter.

Dichlooretileen.

Difluoorfosforsuur, watervry.

Dichloormetaan (metileenchloried).

Dichloormonofluormetaan.

Dichloorpentane.

Dichloorpropeen.

Dichloorsilaan.

Dichloortetrafluoretaan (tetrafluoordichlooretaan).

Diëtielaluminiumchloried (aluminiumdiëtielmonochloried).

Diëtielamien.

Diëtielamienetanol (N,N-diëtielanolamien).

N,N-diëtielanilien.

Diëtielbenseen.

Diëtieleter (etieleter, anestetikumeter, swawelsuureter).

Diëtielkarbinol (3-pentanol).

Diëtielkarbonaat.

Diëtielketoon.

Diëtielsulfaat (etielsulfaat).

Diëtielsulfied.

Diëtileentriamien.

1,2-Diëtoksiëtaan (etileenglikoldiëtieleter).

Difenieldichloorsilaan.

Difluoretaan.

1,1-Difluoretileen.

Crotonaldehyde, stabilised (beta-methyl acrolein, 2-butanol crotonic aldehyde).

Crotonylene.

Cumene hydroperoxide, technical, pure.

Cyanide solutions.

Cyanogen chloride.

Cyclobutane (tetramethylene).

Cycloheptane.

Cyclohexane.

Cyclohexanone.

Cyclohexene.

Cyclohexenyltrichlorosilane.

Cyclohexyl acetate.

Cyclohexylamine.

Cyclohexyltrichlorosilane.

Cyclooctadiene.

Cyclopentane.

Cyclopentanol.

Cyclopentanone.

Cyclopentene.

Cyclopropane, liquefied.

p-Cymene (cymol, methylpropylbenzene, isopropyltoluene, isopropyltoluol).

Decahydronaphthalene (decalin).

n-Decane.

Deuterium (heavy hydrogen).

Diacetone alcohol.

Diallylamine.

Diallylether.

4, 4-diaminodiphenylamine.

4,4-diaminodiphenyl methane (p,p-methylene dianiline).

Diborane.

Dibromobenzene (metadibromobenzene, 1,3 Dibromobenzene).

Di (n-butyl) amine.

Dibutyl ethers (butyl ethers).

Dichloroacetyl chloride.

O-dichlorobenzene (orthodichlorobenzene).

Dichlorodifluoromethane.

1,1-dichloroethane.

Dichloroethylene.

Dichloroethyl ether.

Dichloromethane (methylene chloride).

Dichloromonofluoromethane.

Dichloropentane.

Dichloropropene.

Dichlorosilane.

Dichlorotetrafluoroethane (tetrafluorodichloroethane).

Dicycloheptadiene.

Dicyclopentadiene.

1,2-diethoxyethane (ethylene glycol diethyl ether).

Diethyl aluminium chloride (aluminium diethylmonochloride).

Diethylamine.

Difluoormonochlooretaan.

2,3-Dihidropiraan.

Diisobutielamien.

Diisobutielketoon.

Diisobutileen isomeriese verbindings (alfa-diisobutileen, beta-diisobutileen 2,4,4-trimetielpenteen-1,2,4,4-trimetielpenteen-2).

Diisopropielamien.

Diisopropielbenseenhidroperoksied, maksimum konsentrasie 72 persent in oplossing.

Diisopropieleter.

Diketeen, geïnhibeer.

Dikwat.

Dimetielamien, watervry.

Dimetielamienoplossing.

2,3-Dimetiellbutaan.

Dimetiellchlorosilaan.

Dimetielelanolamien. (deanol, 2-dimetiellaminoëtanol).

Dimetieleter.

Dimetiellhidrasien, onsimmetries.

Dimetiellkarbonaat.

2,2-Dimetiellpropaan (neopentaaan), uitgesonderd pentaaan en sy isomere.

Dimetiellsikloheksane.

Dimetiellsikloheksilamien.

Dimetiellsulfaat (metiellsulfaat).

Dimetiellsulfied.

1,2-Dimetoksietaan.

Dinitrobenseen.

Dinitrotolueen, vloeistof.

Dioksaan.

Dioksolaan.

Dipenteen (kajapoeteen, sineen di-para-menta-1, 8-diëen, limoneen, onaktief).

Dipropielamien.

Disikloheptadiëen.

Disiklopentadiëen.

Distikstofoksied.

Distikstofoksied verkoelde vloeistof.

Divinieleter.

Edelgasse, mengsels.

Edelgasse, mengsels met stikstof.

Edelgasse, mengsels met suurstof.

Epichloorhidrien.

Etaan, saamgepers.

Etaan, verkoelde vloeistof.

Etanolamien en oplossing daarvan.

Etanol (Etiellalkohol).

Etiellakrilaat, geïnhibeer.

Etiellamielketoon.

Etiellamien, 50-70 persent oplossing in water.

Etiellamine (monoëtiellamien).

Etiellasetaat.

Etiellasetileen (but-1-yn).

Etiellbenseen.

- Diethylaminoethanol (N,N-diethylethanolamine).
 N,N-diethyl aniline.
 Diethylbenzene.
 Diethyl carbonate.
 Diethylcarbinol (3-pentanol).
 Diethylenetriamine.
 Diethyl ether (ethyl, ether, anaesthetic ether, sulphuric ether).
 Diethyl ketone.
 Diethyl sulphate (ethyl sulphate).
 Diethyl sulphide.
 Difluoroethane.
 1,1-difluoroethylene.
 Difluoromono-chloroethane.
 Difluorophosphoric acid, anhydrous.
 2,3-dihydropyran.
 Diisobutylamine.
 Diisobutylene isomeric compounds (alpha-diisobutylene beta-diisobutylene 2,4,4-trimethyl-pentene-1,2,4,4-trimethyl-pentene -2).
 Diisobutyl ketone.
 Diisopropylamine.
 Diisopropylbenzene hydroperoxide maximum concentration 72 per cent in solution.
 Diisopropyl ether.
 Diketene, inhibited.
 1,2-dimethoxyethane.
 Dimethylamine, anhydrous.
 Dimethylamine solution.
 2,3-dimethylbutane.
 Dimethyl carbonate.
 Dimethylcyclohexylamine.
 Dimethyldichlorosilane.
 Dimethylethanolamine (deanol, 2-dimethylaminoethanol).
 Dimethyl ether.
 N,N-dimethylformamide.
 Dimethylhydrazine, unsymmetrical.
 2,2-dimethyl-propane (Neopentane) other than pentane and its isomers.
 Dimethyl sulphate (methyl sulphate).
 Dimethyl sulphide.
 Dinitrobenzene.
 Dinitrotoluene, liquid.
 Dioxane.
 Dioxolane.
 Dipentene (cageputene cinene di-paramentha-1,8-diene, limonene, inactive).
 Diphenyldichlorosilane.
 Dipropylamine.
 Diquat.
 Divinyl ether.
 Epichlorohydrin.
 Ethane, compressed.
 Ethane, refrigerated liquid.
 Ethanolamine and solutions thereof.
- Etielboraat (triëtielboraat).
 Etielbromied.
 2-Etielbutanol.
 Etielbutielasetaat.
 Etielbutieleter (butieleieleter).
 Etielbutiraat.
 2-Etielbutiraldehyd.
 Etielchloried (chlooretaan).
 Etielchloorasetaat.
 Etielchloorformiaat (etiellchloorkarbonaat).
 Etielchloorsilaan.
 Etielformiaat.
 Etielheksaldehyd.
 Etielkrotonaat.
 Etiellaktaat.
 Etielmerkaptan (etaantiol).
 Etielmetakrilaat.
 Etielmetieleter.
 Etielmetiellketoon (metiellietielketoon) (metiellietielketoonbutanon).
 Etielnitrietoplossings.
 1-Etielpiperidien.
 Etielpropieleter (etoksipropan-1).
 Etielpropionaat.
 Etieltrichloorsilaan.
 Etileen.
 Etileenchloorhidrien (2-chlooretanol).
 Etileendiamien (1,2-diaminoëtaan).
 Etileendibromied.
 Etileendichloried (1-2-dichlooretaan).
 Etileenglikolmonometiellaterasetaat.
 Etileenglikolmonometiellater (metiellglikol).
 Etileenimien, geïnhibeer.
 Etileenoksied (oksiraan, epoksiëtaan) met hoogstens 0,2 persent stikstof.
 Etileen, verkoelde vloeistof.
 2-Etoksiëtanol (etileenglikolmonoëtiellater).
 2-Etoksiëtiellasetaat (etileenglikolmonoëtiellaterasetaat).
 Feniellisosianaat.
 Fenielltrichloorsilaan.
 Fenol (karbolsuur), gesmelt.
 Fenol (karbolsuur), vaste stof.
 Fenolsulfoonsuur, vloeistof.
 Ferrichloried (ysterchloried, ysterperchloried, ysterseskwichloried).
 Fluor.
 Fluoboorsuur (hidrofluoboorsuur).
 Fluoorfosforsuur, watervry.
 Fluosilikonsuur (silikofluoboorsuur, hydrosilikofluoboorsuur, hidrofluorsilikonsuur, sandsuur).
 Fluorsulfoonsuur.
 Foesselolie.
 Formaldehydoplossings (byvoorbeeld formalien) met 'n ontbrandingspunt van hoogstens 61 °C.

- Ethanol (ethyl alcohol).
- 2-ethoxyethanol (ethylene glycol monoethyl ether).
- 2-ethoxyethyl acetate (ethylene glycol monoethyl ether acetate).
- Ethyl acetate.
- Ethyl acetylene (but-1-yne).
- Ethyl acrylate, inhibited.
- Ethylamine 50-70 per cent solution in water.
- Ethylamine (monoethylamine).
- Ethyl amyl ketone.
- Ethylbenzene.
- Ethyl borate (triethyl borate).
- Ethyl bromide.
- 2-ethylbutanol.
- Ethylbutyl acetate.
- Ethyl butyl ether (butyl ethyl ether).
- 2-ethylbutyraldehyde.
- Ethyl butyrate.
- Ethyl chloride (chloroethane).
- Ethyl chloroacetate.
- Ethyl chloroformate (ethyl chlorocarbonate).
- Ethyl crotonate.
- Ethyldichlorosilane.
- Ethylene.
- Ethylene chlorohydrin (2-chloroethanol).
- Ethylenediamine (1,2-diaminoethane).
- Ethylene dibromide.
- Ethylene dichloride (1,2-dichloroethane).
- Ethylene glycol monomethyl ether acetate.
- Ethylene glucol monomethyl ether (methyl glycol).
- Ethyleneimine, inhibited.
- Ethylene oxide (oxirane, epoxyethane) containing not more than 0,2 per cent nitrogen.
- Ethylene, refrigerated liquid.
- Ethyl formate.
- Ethyl hexaldehyde.
- Ethyl lactate.
- Ethyl mercaptan (ethanethiol).
- Ethyl methacrylate.
- Ethyl methyl ether.
- Ethyl methyl ketone (methyl ethyl ketone) (methyl ethyl ketone butanone).
- Ethyl nitrite solutions.
- 1-ethyl piperidine.
- Ethyl propionate.
- Ethyl propyl ether (ethoxy propane-1).
- Ethyltrichlorosilane.
- Ferric chloride (iron chloride, iron perchloride, iron sesquichloride).
- Fluoboric acid (hydrofluoboric acid).
- Fluorine.
- Fluorophosphoric acid, anhydrous.
- Fluorosulphonic acid.
- Fluosilicic acid (silicofluoric acid, hydrosiluofluoric acid, hydrofluosilicic acid, sand acid).
- Formaldehidoplossings met 'n ontbrandingspunt van 61 °C (141 °F) (formalien, mierealdehyd, metanaal).
- Fosfien (fosforhidried).
- Fosfor, amorfies (rooi fosfor).
- Fosforielchloried (fosforoksichloried).
- Fosforoksibromied.
- Fosforpentachloried.
- Fosforpentasulfied vry van geel en wit fosfor.
- Fosforpentoksied (fosforsuur, watervry).
- Fosforseskwisulfied vry van geel en wit fosfor.
- Fosforsuur (ortofosforsuur).
- Fosfortribromied (fosforigbromied).
- Fosfortrichloried (fosforigchloried).
- Fosfor, wit, gesmelt.
- Fosfor, wit of geel, droog of onder water of in oplossing.
- Fosgeen (karbonielchloried).
- Ftaalsuuranhidried.
- Furfural.
- Furfurielamien.
- Fumarielchloried.
- Gasolie.
- Gaspétrol (Aardgaspétrol).
- Gevaarlike afval wat isosianate bevat, N.A.G.
- Gevaarlike afval wat organiese loodverbindinge bevat, N.A.G.
- Gevaarlike afval met verskillende soorte inhoud, N.A.G.
- Gevaarlike afval, vaste stof, wat anorganiese sianiedes bevat.
- Gevaarlike afval, vaste stof of slik, landbouchemikalieë wat toksies is, N.A.G.
- Gevaarlike afval, vaste stof of slik, N.A.G.
- Gevaarlike afval, vaste stof of slik, wat alkalieë bevat.
- Gevaarlike afval, vaste stof of slik, wat suur bevat.
- Gevaarlike afval, vaste stof of slik, wat toksies is, N.A.G.
- Gevaarlike afval, vlambare vaste stof of slik, N.A.G.
- Gevaarlike afval, vlambare vloeistof met 'n ontbrandingspunt van 23 °C tot 61 °C.
- Gevaarlike afval, vlambare vloeistof met 'n ontbrandingspunt van minder as 23 °C.
- Gevaarlike afval, vloeistof, landbouchemikalieë wat toksies is, N.A.G.
- Gevaarlike afval, vloeistof, N.A.G.
- Gevaarlike afval, vloeistof wat alkalieë bevat.
- Gevaarlike afval, vloeistof wat anorganiese sianiedes bevat.
- Gevaarlike afval, vloeistof wat suur bevat.
- Gevaarlike afval, vloeistof wat toksies is, N.A.G.
- Harsoplossing in vlambare vloeistof, onoplosbaar in water, nie-toksies; ontbrandingspunt 23 °C of laer, N.A.G.
- Harsoplossing in vlambare vloeistof, onoplosbaar in water, nie-toksies; ontbrandingspunt hoër as 23 °C N.A.G.
- Harsoplossing in vlambare vloeistof, onoplosbaar in water, toksies, ontbrandingspunt > 23 °C.
- Harsoplossing in vlambare vloeistof, onoplosbaar in water, toksies, ontbrandingspunt < 23 °C.

Formaldehyde, solutions with a flash point above 61 °C (141 °F) (formalin, formic aldehyde, methanal).

Formaldehyde solutions (for example, formalin) with a flash point of not more than 61 °C.

Formic acid.

Fumaryl chloride.

Furfural.

Furfurylamine.

Fusel oil.

Gas oil.

Hazardous waste, containing isocyanates N.O.S.

Hazardous waste, containing organo-lead compounds N.O.S.

Hazardous waste, flammable liquid, flash point less than 23 °C.

Hazardous waste, flammable liquid, flash point 23 °C to 61 °C.

Hazardous waste, flammable solid or sludge N.O.S.

Hazardous waste, liquid agrochemicals, toxic, N.O.S.

Hazardous waste, liquid containing acid.

Hazardous waste, liquid containing alkali.

Hazardous waste, liquid containing inorganic cyanides.

Hazardous waste, liquid N.O.S.

Hazardous waste, liquid, toxic, N.O.S.

Hazardous waste, miscellaneous, packaged, N.O.S.

Hazardous waste, solid containing inorganic cyanides.

Hazardous waste, solid or sludge, agrochemicals, toxic, N.O.S.

Hazardous waste, solid or sludge containing acid.

Hazardous waste, solid or sludge containing alkalis.

Hazardous waste, solid or sludge N.O.S.

Hazardous waste, solid or sludge, toxic, N.O.S.

Helium, compressed.

Helium, refrigerated liquid.

Heptane and its isomers.

n-heptene.

Hexachlorobenzene (perchlorobenzene).

Hexadecyltrichlorosilane.

Hexadiene.

Hexafluorophosphoric acid.

Hexafluoropropylene.

Hexaldehyde.

Hexamethylenediamine solution.

Hexane and its isomers.

Hexanols.

Hex-1-ene.

Hexyltrichlorosilane.

Hydrazine, anhydrous and its aqueous solutions containing more than 64 per cent by weight, hydrazine.

Hydrazine hydrate and aqueous solutions of hydrazine, containing not more than 64 per cent by weight, hydrazine.

Hydriodic acid (hydrogen iodide solution).

Hydrobromic acid (hydrogen bromide solution).

Hydrocarbon gases and mixtures of such gases compressed, N.O.S.

Harsoplossing in vlambare vloeistof, oplosbaar in water, nie-toksies; ontbrandingspunt > 23 °C.

Harsoplossing in vlambare vloeistof, oplosbaar in water, nie-toksies; ontbrandingspunt < 23 °C.

Harsoplossing in vlambare vloeistof, oplosbaar in water, toksies; ontbrandingspunt 23 °C of laer, N.A.G.

Harsoplossing in vlambare vloeistof, oplosbaar in water, toksies; ontbrandingspunt hoër as 23 °C, N.A.G.

Heksaan en sy isomere.

Heksachloorbenseen (perchloorbenseen).

Heksadekieltrichloorsilaan.

Heksadien.

Heksafluorofosforsuur.

Heksafluoropropileen.

Heksaldehyd.

Heksametileendiamienoplossing.

Heksanole.

Heks-1-een.

Hekieltrichloorsilaan.

Helium, saamgepers.

Helium, verkoelde vloeistof.

Hendekaan.

Heptaan en sy isomere.

N-Hepteen.

Hidrasien, watervry en sy waterige oplossing wat meer as 64 persent hidrasien per massa bevat.

Hidrasienhidraat en waterige oplossings van hidrasien wat nie meer as 64 persent hidrasien per massa bevat nie.

Hidrokinoon (1,4-benseendiol, kinol, hidrokinol, p-dihi-droksibenseen).

Hipochloriet, oplossings wat meer as 5 persent beskik-bare chloor bevat.

Insekdodergasse, toksies, N.A.G.

Isobutaan en isobutaanmengsels.

Isobutanol (isobutiellalkohol).

Isobutiellamien.

Isobutiellasetaat.

Isobutiellisobutiraat.

Isobutiellmetakrilaat.

Isobutieraldehyd (isobutiellaldehyd).

Isobutileen (isobuteen).

Isobutironitriell.

Isododekaan (pentametiellheptaan).

Isoforoon.

Isoforoondiamien.

Isoheksien.

Isohepteen.

Isononanoëlpëroksied, tegnies suiwer of in oplossing.

Isoökteen.

Isopentene.

Isopreen, geïnhibeer.

Isopropanol (isopropiellalkohol).

Isopropeniellasetaat.

Isopropeniellbenseen (alfa-metiellstireen) (2-feniellpro-peen).

Isopropiellasetaat.

Isopropiellbenseen (kumeen).

Isopropiellformiaat.

Hydrocarbon gases and mixtures of such gases, liquefied, N.O.S.

Hydrochloric acid (muriatic acid, spirits of salts) in solution.

Hydrofluoric acid solution (fluoric acid, hydrogen fluoride solution) containing less than 60 per cent hydrogen fluoride.

Hydrofluoric acid solution (fluoric acid, hydrogen fluoride solution) containing 60 per cent or more hydrogen fluoride.

Hydrogen and methane mixtures (flammable compressed gas).

Hydrogen bromide, anhydrous.

Hydrogen chloride, anhydrous.

Hydrogen chloride, refrigerated, liquid.

Hydrogen, compressed.

Hydrogen fluoride, anhydrous.

Hydrogen peroxide and its aqueous solutions, stabilised, containing more than 60 per cent hydrogen peroxide.

Hydrogen peroxide, aqueous solutions containing at least 8 per cent and not more than 60 per cent hydrogen peroxide (stabilised as necessary).

Hydrogen, refrigerated, liquid.

Hydrogen selenide (hydroselenic acid), anhydrous.

Hydrogen sulphide (sulphuretted hydrogen), liquefied.

Hydroquinone (1,4-benzenediol, quinol, hydroquinol, p-dihydroxybenzene).

Hypochlorite, solutions containing more than 5 per cent available chlorine.

Insecticide gases, toxic N.O.S.

Iodine monochloride.

Isobutane and isobutane mixtures.

Isobutanol (isobutyl alcohol).

Isobutyl acetate.

Isobutylamine.

Isobutylene (isobutene).

Isobutyl isobutyrate.

Isobutyl methacrylate.

Isobutyraldehyde (isobutyl aldehyde).

Isobutyronitrile.

Isododecane (pentamethylheptane).

Isoheptene.

Isohexene.

Isononanoyl peroxide, technical, pure or in solution.

Iso-octene.

Isopentene.

Isophorone.

Isophoronediamine.

Isoprene, inhibited.

Isopropanol (isopropyl alcohol).

Isopropenyl acetate.

Iso-propenylbenzene (alpha-methylstyrene) 2-phenylpropene).

Isopropyl acetate.

Isopropylamine.

Isopropylbenzene (cumene).

Isopropyl formate.

Isopropielnitraat.

Isopropielamien.

Jodiummonochloried.

Kaliumbifluoried.

Kaliumchloraat.

Kaliumchloraatoplossing.

Kaliumfluoried.

Kaliumhidroksiedoplossing (bytpotas).

Kaliumhidroksied, vaste stof.

Kaliummetaal.

Kaliumnitraat (salpeter).

Kaliumsianied.

Kaliumsulfied, gehidreer, wat 30 persent of meer kristallisasiewater bevat.

Kalsiumchloraat.

Kalsiumchloraatoplossing.

Kalsiumhipochloriet, droog, insluitende mengsels wat meer as 39 persent beskikbare chloor (8,8 persent beskikbare suurstof) bevat.

Kalsiumkarbied (karbiedkalsium).

Kalsiumnitraat.

Kamferolie.

Karbamaatplaagdoders en onkruidodders met 'n LD₅₀ waarde van groter as 50 mg/kg.

Karbonielfluoried.

Karbonielsulfied (koolstofoksisulfied).

Keroseen (paraffien).

Kinolien.

Koolstofdioksied.

Koolstofdioksied-en-distikstofoksidmengsels.

Koolstofdioksied-en-etileenoksidmengsels wat nie meer as 17 persent etileenoksid bevat nie.

Koolstofdioksied-en-etileenoksidmengsels wat nie meer as 10 persent koolstofdioksied bevat nie.

Koolstofdioksied-en-suurstofmengsels.

Koolstofdioksied (koolstofanhidried) verkoelde vloeistof.

Koolstofmonoksied.

Koolstofmonoksied/waterstofmengsels (Fischer Tropsch-gas, sintesegas, Blau-gas, watergas).

Koolstoftetrachloried.

Koolwaterstofgasse en mengsels van sodanige gasse, saamgepers, N.A.G.

Koolwaterstofgasse en mengsels van sodanige gasse, vloeibaar, N.A.G.

Kresielsuur.

Kresole (orto-meta- en para-).

Krypton, saamgepers.

Krypton, verkoelde vloeistof.

Krotonaldehyd, gestabiliseer (beta-metielakroleien, 2-butanol krotonaldehyd).

Krotonileen.

Kumeenhidroperoksied, tegnies suiwer.

Litiumhidroksiedmonohidraat.

Litiumhidroksiedoplossing.

Loodsulfaat wat meer as 3 persent vry suur bevat.

Lug, saamgepers.

Isopropyl nitrate.	Lug, verkoelde vloeistof.
Kerosene (paraffin).	Maleïensuuranhidried.
Krypton, compressed.	Merkaptaan en mengsels, vloeistof, N.A.G.
Krypton, refrigerated liquid.	Mesitieloksied.
Lead sulphate containing more than 3 per cent free acid.	Metaan en natuurlike gasse met 'n hoë metaaninhoud, saamgepers.
Lithium hydroxide monohydrate.	Metaan en natuurlike gasse met 'n hoë metaaninhoud, verkoelde vloeistof.
Lithium hydroxide solution.	Metakrielsuur, geïnhibeer.
Liquefied non-flammable gases charged with nitrogen, carbon dioxide or air.	Metanol (metielalkohol houtalkohol, Colombiaanse spiritus).
Maleic anhydride.	Metielaktrilaat, geïnhibeer.
p-menthane hydroperoxide, technical pure.	Metielamielasetaat.
Mercaptans and mixtures, liquid, N.O.S.	Metielamien, watervry.
Mesityl oxide.	Metielamien, waterige oplossing.
Methacrylic acid, inhibited.	Metielasetaat.
Methane and natural gases with a high methane content, compressed.	Metielasetileen gemeng met 15 persent tot 20 persent propadien.
Methane and natural gases with a high methane content, refrigerated liquid.	Metielasetoon.
Methanol (methyl alcohol, wood alcohol, columbian spirits).	2-Metiel-1-Buteen.
4-methoxy-4-methyl-pentan-2-one.	2-Metiel-2-Buteen.
Methyl acetate.	Metielbutiraat.
Methyl acetone.	Metielchloried (chloormetaan).
Methyl acetylene mixed with 15 to 20 per cent propadiene.	Metielchloorasetaat.
Methyl acrylate, inhibited.	Metielchloorformiaat (metielchloorkarbonaat).
Methylal.	Metielchloormetieleter (chloormetiel-metieleter).
Methylamine anhydrous.	Metielchloorsilaan.
Methylamine aqueous solution.	Metieldichloorsilaan.
Methyl amyl acetate.	2-Metiefuraan.
2-methyl-1-butene.	5-Metielheksaan-2-oon.
2-methyl-2-butene.	Metielhidrasien.
Methyl butyrate.	Metielisobutielkarbinool (metielamienalkohol).
Methyl chloride (chloromethane).	M.I.B.C. 4-metielpentaaan-2-ol).
Methyl chloroacetate.	Metielisobutielketoon.
Methyl chloroformate (methyl chlorocarbonate).	Metielisopropenielketoon, geïnhibeer.
Methylchloromethyl ether (chloromethyl methyl ether).	Metielisosianaat en oplossings.
Methyl chlorosilane.	Metielmerkaptaan.
Methyl cyanide (acetonitrile).	Metielmetaktrilaatmonomeer, geïnhibeer.
Methyl cyclohexane.	Metielpentane.
Methyl cyclohexanols (hexahydromethyl phenol hexahydroresol) of flash point below 141 °F (60,5 °C).	Metielpentadien.
Methyl cyclohexanone.	Metielpropielketoon.
Methyl cyclopentane.	Metielpropionaat.
Methyldichlorosilane.	Metielsianied (asetonitriël).
Methylene bis (phenylene diisocyanate).	Metielsikloheksaam.
2-methylfuran.	Metielsikloheksanole [heksahidrometielfenool, heksahidrokresool met 'n ontbrandingspunt laer as 141 °F (60,5 °C)].
5-methylhexan-2-one.	Metielsikloheksanoon.
Methylhydrazine.	Metielsiklopentaaan.
Methyl isobutyl carbinol (methyl amyl alcohol MIBC 4-methyl pentan-2-ol).	Metieltetrahidrofuraan.
Methyl isobutyl ketone.	Metieltrichloorsilaan.
Methyl isocyanate and solutions.	Metielvinielketoon.
Methyl isopropenyl ketone, inhibited.	Metilal.
Methylmercaptan.	Metileen bis (fenileen diisosianaat).
	4-metoksi-4-metielpentaaan-2-oon.
	Mieresuur.
	Monochloordifluoormonobroommetaan.

Methyl methacrylate monomer, inhibited.
 Methylpentane.
 Methyl propionate.
 Methyl propyl ketone.
 Methyltetrahydrofuran.
 Methyltrichlorosilane.
 Methyl vinyl ketone.
 Monochlorodifluoromono: bromomethane.
 Morpholine (tetrahydro-1,4-oxazine).
 Motor fuel anti-knock mixtures ("ethyl fluid").
 Motor spirit (includes gasoline or petrol).
 Naphtha (coal tar, crude and solvent).
 Naphtha, petroleum.
 Naphtha, solvent.
 Naphthalene (creosote salts) crude or refined.
 Naphthalene, molten.
 Naphthylamine (alpha).
 Natural gasoline (casinghead gasoline).
 Neon, compressed.
 Neon, refrigerated liquid.
 Nickel carbonyl.
 Nitrates, inorganic, N.O.S.
 Nitrates or soda and potash, mixtures.
 Nitric acid other than red fuming nitric acid.
 Nitric acid, red, fuming.
 Nitric oxide.
 Nitric oxide and nitrogen tetroxide mixtures.
 Nitrobenzene (nitrobenzol, mirbane oil).
 Nitrobenzenesulphonic acid.
 Nitrocellulose with by weight a nitrogen content not exceeding 12,6 per cent (collodion cotton) in solution inflammable liquids with a flash point below 23 °C, containing not more than 55 per cent nitrocellulose.
 Nitrocellulose with by weight a nitrogen content not exceeding 12,6 per cent (collodion cotton) in solution in inflammable liquids with a flashpoint between 23 °C and 60,5 °C inclusive, whether or not miscible with water, containing not more than 55 percent nitrocellulose.
 Nitrocellulose with not less than 25 per cent alcohol by weight and not exceeding 12,6 per cent nitrogen by dry weight.
 Nitrocellulose with not less than 18 per cent plasticising substances by weight and not exceeding 12,6 per cent nitrogen by dry weight.
 Nitrocellulose with not less than 25 per cent water by weight.
 Nitrocresols.
 Nitrogen, compressed.
 Nitrogen dioxide (nitrogen tetroxide) liquefied.
 Nitrogen, refrigerated liquid.
 Nitrogen trifluoride.
 Nitroglycerin (glyceryl trinitrate) solution in alcohol containing not more than 1 per cent nitroglycerin.
 Nitrohydrochloric acid (nitromuriatic acid).
 Nitromethane.
 Nitrosyl chloride.

Morfolien (tetrahydro-1,4-oksasien).
 Motorpetrol-anti-klop mengsels (etielfluïd).
 Motorspiritus (insluitende gasolien of petrol).
 Nafta (koolteer, ongesuiwer en oplosser).
 Naftaleen, gesmelt.
 Naftaleen (kreosootsoute), ongesuiwer of gesuiwer.
 Nafta, oplosmiddel.
 Nafta, petroleum.
 Naftielamien (alfa).
 Natriumaluminaatoplossing.
 Natriumchloraat (sodachloraat).
 Natriumchloraatoplossing.
 Natriumchloriet.
 Natriumchlorietoplossing wat meer as 5 persent beskikbare chloor bevat.
 Natriumhidroksiedoplossing (bytsoda, vloeistof, natriumhidraat, loog).
 Natriumhidroksied, vaste stof.
 Natrium, metaal.
 Natriummetaaldispersie in organiese vloeistof.
 Natriummetilaatoplossings in alkohol.
 Natriummonoksied.
 Natriumnitraat (chilisalpeter).
 Natriumnitraat- en kaliumnitraatmengsels.
 Natriumnitriet.
 Natriumsianied.
 Natriumsulfied, gehidrateer, met ten minste 30 persent water.
 Natriumsuperoksied.
 Natriumwaterstofsulfaat wat meer as 3 persent vry suur bevat.
 Natriumwaterstofsulfied, vaste stof.
 N-Butielmetakrilaat.
 N-Butielperoksidiarbonaat, maksimum konsentrasie 52 persent in oplossing.
 N-Dekaan.
 Neon, saamgepers.
 Neon, verkoelde vloeistof.
 Nikkelkarboniel.
 Nitrate, anorganies, N.A.G.
 Nitrate van soda en potas, mengsels.
 Nitrobenseen (nitrobensool mirbaanolie).
 Nitrobenseen sulfoonsuur.
 Nitrogliserien (gliserieltrinitraat), oplossing in alkohol wat nie meer as 1 persent nitrogliserien bevat nie).
 Nitrohidrochloorsuur (waterstofmuriatsoor).
 Nitrokresole.
 Nitrometaan.
 Nitrosellulose met, per massa, 'n stikstofinhoud wat nie 12,6 persent (kollodionkatoen) in oplossing in vlambare vloeistof oorskry nie, met 'n ontbrandingspunt laer as 23 °C en wat hoogstens 55 persent nitrosellulose bevat.
 Nitrosellulose met, per massa, 'n stikstofinhoud wat nie 12,6 persent (kollodionkatoen) in oplossing in vlambare vloeistof oorskry nie, met 'n ontbrandingspunt tussen 23 °C en 60,5 °C insluitend, mengbaar met water of nie, en wat hoogstens 55 persent nitrosellulose bevat.

Nitrosylsulphuric acid.
 Nitrotoluenes.
 Nitrotoluidines (mono).
 Nitrous oxide.
 Nitrous oxide, refrigerated, liquid.
 Nitroxyls.
 Nonane and its isomers.
 Nonyltrichlorosilane.
 Octadecyltrichlorosilane.
 Octafluorocyclobutane.
 Octane and its isomers.
 Octyltrichlorosilane.
 Oil gas.
 Organophosphorus pesticides and herbicides with an LD₅₀ value above 50 mg/kg.
 Ortho-Anisidine.
 Oxygen, compressed.
 Oxygen difluoride.
 Oxygen, refrigerated liquid.
 Paraldehyde.
 Pentane-2,4-dione.
 n-Pentane and iso-pentane.
 Perchloric acid concentration not exceeding 50 per cent by weight of acid.
 Perchloric acid over 50 per cent acid and not more than 72 per cent acid by weight.
 Petroleum crude oil.
 Petroleum distillates N.O.S. Benzene content less than 5 per cent.
 Petroleum fuel.*
 Petroleum gases, liquefied.
 Petroleum spirit (benzolene, petroleum ether).
 Phenol (carbolic acid) molten.
 Phenol (carbolic acid) solid.
 Phenolsulphonic acid, liquid.
 Phenyl isocyanate.
 Phenyltrichlorosilane.
 Phosgene (carbonyl chloride).
 Phosphine (phosphoretted hydrogen).
 Phosphoric acid (orthophosphoric acid).
 Phosphorus, amorphous (red phosphorus).
 Phosphorus oxybromide.
 Phosphorus pentachloride.
 Phosphorus pentasulphide free from yellow and white phosphorus.
 Phosphorus pentoxide (phosphoric acid, anhydrous).
 Phosphorus sesquisulphide free from yellow and white phosphorus.
 Phosphorus tribromide (phosphorous bromide).
 Phosphorus trichloride (phosphorous chloride).
 Phosphorus white molten.
 Phosphorus, white or yellow, dry or under water or in solution.

* This substance does not include butane, butane mixtures, hydrocarbon gases or mixtures of such gases, N.O.S., or propane.

Nitrosellulose met minstens 25 persent alkohol, per massa, en wat nie 12,6 persent stikstof per droë massa oorskry nie.

Nitrosellulose met minstens 18 persent plastiserende stowwe per massa, en wat nie 12,6 persent stikstof per droë massa oorskry nie.

Nitrosellulose met minstens 25 persent water per gewig.

Nitrosielchloried.

Nitrosielswaelsuur.

Nitrotoluene.

Nitrotoluidiene (mono).

Nitroxilene.

N,N-dimetielformamied.

Nonaan en sy isomere.

Nonieltrichloorsilaan.

O-Dichloorbenseen (ortodichloorbenseen).

Oktaan en sy isomere.

Oktadekieltrichloorsilaan.

Oktafluorsiklobutaan.

Oliegas.

Oktieltrichloorsilaan.

Organofosforplaagdoders en onkruidodders met 'n LD₅₀-waarde van groter as 50 mg/kg.

Ortanisidien.

Paraldehyd.

Pentaan-2,4-dioon.

N-pentaan en isopentaan.

Perchloorsuur met 'n suurkonsentrasie wat nie 50 persent per massa oorskry nie.

Perchloorsuur met meer as 50 persent suur, maar hoogstens 72 persent suurkonsentrasie per massa.

Petroleumbrandstof.*

Petroleumdistillate, N.A.G. met 'n benseeninhoud van minder as 5 persent.

Petroleumgasse, vloeibaar.

Petroleum-ru-olie.

Petroleumspiritus (bensoleen, petroleumeter).

Pikoliene (metielpiridien).

Pinaanhidroperoksied, tegnies suiwer.

Piperidien.

Piridien.

Pirosulfurielchloried.

Pirrolidien.

p-Mentaanhidroperoksied, tegnies suiwer.

Poligechlorineerde bifeniele.

Polistreenkorrels, uitdybaar, wat vlambare vloeistof bevat.

Propaan.

Propaantiole.

Propadieen (alleen).

Propanol (propielalkohol).

Propielamien (monopropielamien).

Propielasetaat, normaal.

* Hierdie stof sluit nie butaan, butaanmengsels, koolwaterstofgasse en mengsels van sodanige gasse, N.A.G., of propaan, in nie.

- Phosphoryl chloride (phosphorus oxychloride).
 Phthalic anhydride.
 Picolines (methyl pyridines).
 Pinane hydroperoxide, technical, pure.
 alpha-pinene.
 Pine oil.
 Piperidine.
 Polychlorinated biphenyls.
 Polystyrene beads, expandable, containing inflammable liquid.
 Potassium bifluoride.
 Potassium chlorate (chlorate of potash).
 Potassium chlorate solution.
 Potassium cyanide.
 Potassium fluoride.
 Potassium hydroxide, solid.
 Potassium hydroxide solution (caustic potash, potash liquor).
 Potassium metal.
 Potassium nitrate (saltpetre).
 Potassium sulphide hydrated containing 30 per cent and more of crystallisation water.
 Propadiene (allene).
 Propane.
 Propanethiols.
 Propanol (propyl alcohol).
 Propionaldehyde.
 Propionic acid.
 Propionitrile.
 Propionyl chloride.
 Propyl acetate, normal.
 Propylamine (monopropylamine).
 Propyl benzene.
 Propyl chloride.
 Propylenediamine.
 Propylene dichloride.
 Propyleneimine, inhibited.
 Propylene oxide.
 Propylene (propane).
 Propyl formates.
 Propyl nitrate, normal.
 Propyltrichlorosilane.
 Pyridine.
 Pyrosulphuryl chloride.
 Pyrrolidine.
 Quinoline.
 Rare gases mixtures.
 Rare gases, mixtures with nitrogen.
 Rare gases, mixtures with oxygen.
 Resin solution in flammable liquid insoluble in water, non-toxic, flash point above 23 °C, N.O.S.
 Resin solution in flammable liquid, insoluble in water, non-toxic, flash point 23 °C or below, N.O.S.
 Resin solution in flammable liquid insoluble in water, toxic, flash point < 23 °C.
 Propielbenseen.
 Propielchloried.
 Propielformiate.
 Propielnitraat, normaal.
 Propieltrichlorosilaan.
 Propileen (propeen).
 Propileendiamien.
 Propileendichloried.
 Propileenimien, geïnhibeer.
 Propileenoksied.
 Propionaldehyd.
 Propionielchloried.
 Propionitriël.
 Propionsuur.
 Remolie, hidroulies.
 Salpetersuur, uitgesonderd rooi rokende salpetersuur.
 Salpetersuur, rooi, rokend.
 Sekondêre butielasetaat.
 Seleensuur.
 Sesiumhidroksied.
 Sesiumhidroksiedoplossing.
 Sianiedoplossings.
 Sianogeenchloried.
 Siklobutaan (tetrametileen).
 Sikloheksaan.
 Sikloheksanoon.
 Siklohekseen.
 Sikloheksejenieltrichloorsilaan.
 Sikloheksejiamien.
 Sikloheksejiasetaat.
 Sikloheksejietrichloorsilaan.
 Sikloheptaan.
 Siklohepteen.
 Sikloöktadien.
 Siklopentaan.
 Siklopentanol.
 Siklopentanoon.
 Siklopenteen.
 Siklopropaan, vloeibaar.
 Silaan (waterstofsilisied).
 Silikontetrachloried (silikonchloried).
 Silikontetrafluoried.
 p-Simeen (simool, metielpropielbenseen isopropielto-lueen, isopropieltoluool).
 Sinkchloriedoplossing.
 Skalieolie.
 Soutsuur (kommersiële soutsuur) in oplossing.
 Steenkoolgas.
 Steenkoolteerdistillaat met 'n ontbrandingspunt van hoogstens 32 °C (90 °F).
 Steenkoolteerdistillaat met 'n ontbrandingspunt bo 32 °C (90 °F) maar onder 61 °C (141 °F).
 Stikstofdioksied (stikstoftetroksied), vloeibaar.
 Stikstofoksied.

Resin solution in flammable liquid insoluble in water, toxic, flash point $> 23^{\circ}\text{C}$.

Resin solution in flammable liquid soluble in water, non-toxic, flash point $< 23^{\circ}\text{C}$.

Resin solution in flammable liquid soluble in water, non-toxic, flash point $> 23^{\circ}\text{C}$.

Resin solution in flammable liquid soluble in water, toxic, flash point above 23°C , N.O.S.

Resin solution in flammable liquid soluble in water, toxic, flash point 23°C , or below, N.O.S.

Selenic acid.

Shale oil.

Silane (hydrogen silicide).

Silicon tetrachloride (silicon chloride).

Silicon tetrafluoride.

Sodium aluminate solution.

Sodium chlorate (chlorate of soda).

Sodium chlorate solution.

Sodium chlorite.

Sodium chlorite solution containing more than 5 per cent available chlorine.

Sodium cyanide.

Sodium hydrogen sulphate containing more than 3 per cent free acid.

Sodium hydrosulphide, solid.

Sodium hydroxide, solid.

Sodium hydroxide solution (caustic soda, liquor, sodium hydrate, lye).

Sodium, metal.

Sodium metal dispersion in organic liquids.

Sodium methylate solutions in alcohol.

Sodium monoxide.

Sodium nitrate and potassium nitrate mixtures.

Sodium nitrate (chile saltpetre).

Sodium nitrite.

Sodium sulphide hydrated with at least 30 per cent water.

Sodium superoxide.

Stannic chloride, anhydrous (tin tetrachloride, tin chloride, fuming).

Styrene monomer, inhibited (cinnamene cinnamol, phenylethylene or vinylbenzene).

Sulphur.

Sulphur chlorides (sulphur dichloride, sulphur monochloride).

Sulphur dioxide, liquefied.

Sulphur hexafluoride.

Sulphuric acid.

Sulphuric acid, fuming.

Sulphuric acid spent.

Sulphur, molten.

Sulphurous acid.

Sulphur tetrafluoride.

Sulphur trioxide, inhibited.

Sulphuryl chloride.

Tars, liquid including road asphalt and oils, bitumen.

Terpene hydrocarbons N.O.S.

Stikstofoksied- en stikstoftetroksiedmengsels.

Stikstof, saamgepers.

Stikstoftrifluoried.

Stikstof, verkoelde vloeistof.

Stireenmonomeer, geïnhibeer (sinnameen, sinnedol, feniletileen of vinielbenseen).

Sulfurielchloried.

Suurbutielfosfaat.

Suurmengsel, nitreersuur.

Suurmengsels (nitreersuur), uitgewerk, vry van ploffstowwe.

Suurmengsels (waterstoffluoried en swaelsure).

Suurstofdifluoried.

Suurstof, saamgepers.

Suurstof, verkoelde vloeistof.

Swael.

Swaelchloriede (swaeldichloried, swaelmonochloried).

Swaeldioksied, vervloei.

Swaelheksafluoried.

Swaeligsuur.

Swael (gesmelt).

Swaeluur.

Swaeluur (uitgewerk).

Swaeltetrafluoried.

Swaeltrioksied, geïnhibeer.

Teervloeistowwe, insluitend padasfalt en -olies, bitumen.

Terpeenkoolwaterstowwe, N.A.G.

Terpentyn.

Terpentynvervangingsmiddel (witspiritus).

Tersiêre butanol (tersiêre butielalkohol).

Tetrachlooretaan (asetileentetrachloried).

Tetrachlooretileen (perchlooretileen).

Tetraetielsilikaat (etielsilikaat).

Tetrafluoretileen, geïnhibeer.

Tetrafluormetaan.

1,2,3,6-Tetrahidrobensaldehid.

Tetrahidrofuraan.

Tetrametielammoniumhidroksied.

Tinchloried, watervry (tintetrachloried, rokende tinchloried).

Tiofosforielchloried (Fosforigsulfochloried).

Tioglikolsuur.

Tionielchloried.

Tiopeen.

Titaantetrachloried.

Tolueen (toluool).

Tolueendiisosiënaat (tolileendiisosiënaat toluileendiisosiënaat).

Toluïdiene.

2,4-Toluileendiamien.

Triallielamien.

Trichloorasynsuur.

Trichlooretileen.

Trichloorsilaan.

- Tetrachloroethane (acetylene tetrachloride).
 Tetrachloroethylene (perchloroethylene).
 Tetraethyl silicate (ethyl silicate).
 Tetrafluoroethylene, inhibited.
 Tetrafluoromethane.
 1,2,3,6-tetrahydrobenzaldehyde. Tetrahydrofuran.
 Tetramethylammonium hydroxide.
 Thioglycolic acid.
 Thionyl chloride.
 Thiopenen.
 Thiophosphoryl chloride (phosphorus sulphochloride).
 Titanium tetrachloride.
 Toluene (toluol).
 Toluene di-isocyanate (tolylene di-isocyanate toluylene di-isocyanate).
 Toluidines.
 2,4-toluylenediamine.
 Triallylamine.
 Trichloroacetic acid.
 Trichloroethylene.
 Trichlorosilane.
 Triethylamine.
 Triethylene diamine.
 Triethylene tetramine.
 Trifluorochloroethylene.
 Trifluoroethane inflammable compressed gas.
 Trifluoromethane.
 Triisobutylene.
 Trimethylamine anhydrous.
 Trimethylamine aqueous solutions containing not more than 30 per cent of trimethylamine.
 1,3,5-Trimethylbenzene.
 Trimethyl borate.
 Trimethylchlorosilane.
 3,3,5-Trimethylhexamethylenediamine.
 Trimethyl phosphite.
 Tripropylamine.
 Tripropylene (propylene trimer).
 Turpentine.
 Turpentine substitute (white spirit).
 Undecane.
 Valeraldehyde (amyl aldehyde, pentanal valeral, N-valeraldehyde, valeric aldehyde iso-valeraldehyde).
 Vinyl acetate, inhibited.
 Vinyl bromide, inhibited.
 Vinyl chloride, inhibited.
 Vinyl ethyl ether, inhibited.
 Vinyl fluoride, inhibited.
 Vinylidene chloride, inhibited.
 Vinyl isobutyl ether, inhibited.
 Vinyl methyl ether, inhibited.
 Triëtielamien.
 Triëtileendiamien.
 Triëtileentetramien.
 Trifluorchlooretileen.
 Trifluooretaan vlambare saamgeperste gas.
 Trifluoormetaan.
 Triisobutileen.
 Trimetielamien, watervry.
 Trimetielamien, waterige oplossings wat hoogstens 30 persent trimetielamien bevat.
 1,3,5-Trimetielbenseen.
 Trimetielboraat.
 Trimetielchloorsilaan.
 3,3,5-Trimetielheksametieleendiamien.
 Trimetielfosfiet.
 Tripropielamien.
 Tripropileen (propieentriemer).
 Valeraldehyd (amielaldehyd, pentanaal, valeral, N-valeraldehyd, valeriaanaldehyd, isovaleraldehyd).
 Vinielasetaat, geïnhibeer.
 Vinielbromied, geïnhibeer.
 Vinielchloried, geïnhibeer.
 Vinielietieleter, geïnhibeer.
 Vinielfluoried, geïnhibeer.
 Vinielideenchloried, geïnhibeer.
 Vinielisobutieleter, geïnhibeer.
 Vinielmetieleter, geïnhibeer.
 Vinieltolueen (metielstireen, metielvinielbenseen, tolieltieleen) gemengde isomere, geïnhibeer.
 Vinieltrichloorsilaan, geïnhibeer.
 Vloeibare nie-vlambare gasse gevul met stikstof, koolstofdioksied of lug.
 Waterstofbromied, watervry.
 Waterstofbromiedsuur (waterstofbromiedoplossing).
 Waterstofchloried, watervry.
 Waterstofchloried, verkoelde vloeistof.
 Waterstof en metaanmengsels (vlambare saamgeperste gas).
 Waterstoffluoried, watervry.
 Waterstoffluoriedsuuroplossing (fluoorzuur, waterstoffluoriedoplossing) wat 60 persent of meer waterstoffluoried bevat.
 Waterstoffluoriedoplossing wat minder as 60 persent waterstoffluoried bevat.
 Waterstofjodiedsuur (waterstofjodiedoplossing).
 Waterstofperoksied en sy waterige oplossings, gestabiliseer, wat meer as 60 persent waterstofperoksied bevat.
 Waterstofperoksied, waterige oplossings wat ten minste 8 persent en hoogstens 60 persent waterstofperoksied (gestabiliseer na gelang dit nodig is) bevat.
 Waterstof, saamgepers.
 Waterstofselenied (hidroseleensuur), watervry.
 Waterstofsianiedsuur, waterige oplossings wat hoogstens 20 persent van die stof bevat.
 Waterstofsianied (waterstofsianiedsuur), watervry, gestabiliseer.

Vinyl toluene (methyl-styrene, methylvinylbenzene, tolylethylene), mixed isomers, inhibited.

Vinyltrichlorosilane, inhibited.

Xenon.

Xylene (xylol).

Xylenol.

Xylidine.

Zinc chloride solution.

Waterstofsianied (waterstofsianiedsuur), watervry, gestabiliseer, geabsorbeer in 'n poreuse, onaktiewe materiaal.

Waterstofsulfied (gesulfureerde waterstof), vloeibaar.

Waterstof, verkoelde vloeistof.

Ysasynsuur en meer as 90 persent per gewig.

Xenon.

Xileen (xilol).

Xilenol.

Xilidien.

CONTENTS

INHOUD

No.		Page No.	Gazette No.	No.		Bladsy No.	Staats- koerant No.
Health and Welfare, Department of				Gesondheid en Welsyn, Departement van			
<i>Government Notices</i>				<i>Goewermenskennisgewings</i>			
R. 2126	Hazardous Substances Act (15/1973): Regulations governing the conveyance of hazardous substances by road tanker.....	1	8410	R. 2126	Wet op Gevaarhoudende Stowwe (15/1973): Regulasies betreffende die vervoer van gevaarhoudende stowwe per padtenkwa.....	1	8410
R. 2127	do.: Regulations in terms of the Hazardous Substances Act: Amendment.....	48	8410	R. 2127	do.: Regulasies kragtens die Wet op Gevaarhoudende Stowwe: Wysiging	48	8410
R. 2128	do.: Declaration of Group II hazardous substances.....	49	8410	R. 2128	do.: Verklaring van Groep II gevaarhoudende stowwe	49	8410