II

(Besluiten waarvan de publikatie niet voorwaarde is voor de toepassing)

COMMISSIE

RICHTLIJN VAN DE COMMISSIE

van 30 januari 1979

houdende tweede aanpassing aan de technische vooruitgang van Richtlijn 67/548/EEG van de Raad betreffende de aanpassing van de wettelijke en bestuursrechtelijke bepalingen inzake de indeling, de verpakking en het kenmerken van gevaarlijke stoffen

(79/370/EEG)

DE COMMISSIE VAN DE EUROPESE GEMEENSCHAPPEN,

Gelet op het Verdrag tot oprichting van de Europese Economische Gemeenschap,

Gelet op Richtlijn 67/548/EEG van de Raad van 27 juni 1967 betreffende de aanpassing van de wettelijke en bestuursrechtelijke bepalingen inzake de indeling, de verpakking en het kenmerken van gevaarlijke stoffen (1), laatstelijk gewijzigd bij Richtlijn 76/907/EEG van de Commissie (2), en meer in het bijzonder de artikelen 8 bis, 8 ter en 8 quater,

Overwegende dat bijlage I bij Richtlijn 67/548/EEG een lijst van gevaarlijke stoffen bevat, waarin de wijzen van etikettering voor elke stof zijn vermeld (gevarensymbool, aard van de risico's en veiligheidsaanbevelingen ;

Overwegende dat bij het onderzoek van de lijst van gevaarlijke stoffen is gebleken, dat het noodzakelijk is deze aan te passen aan de laatste stand van de wetenschap en techniek, d.w.z. de classificatie en etikettering van bepaalde stoffen te wijzigen, nieuwe stoffen in de lijst op te nemen en aanvullende aanwijzingen ten aanzien van deze lijst te verstrekken,

Overwegende dat de bijlagen III en IV van Richtlijn 67/548/EEG aanwijzingen over bijzondere risico's bevatten (zinnen R) en waarschuwingen (zinnen S), dat bepaalde specifieke risico's momenteel beter zijn gedefinieerd, dat bepaalde waarschuwingen beter moeten worden gepreciseerd, en dat het onder deze omstandigheden gewenst is de bijlagen III en IV te wijzigen ;

Overwegende dat de bepalingen van deze richtlijn in overeenstemming zijn met het advies van het Comité voor aanpassing aan de technische vooruitgang van de richtlijnen betreffende de opheffing van de technische handelsbelemmeringen in de sector van gevaarlijke stoffen en preparaten,

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(1) PB nr. 196 van 16. 8. 1967, blz. 1.
(2) PB nr. L 360 van 30. 12. 1976, blz. 1.

HEEFT DE VOLGENDE RICHTLIJN VASTGESTELD:

Artikel 1

Richtlijn 67/548/EEG wordt als volgt gewijzigd:

1. In het voorwoord van bijlage I wordt na Nota C de hierna volgende Nota D toegevoegd:

„*Nota D:*

Bepaalde stoffen, die gemakkelijk polymeriseren of zich spontaan ontleden, worden in het algemeen in gestabiliseerde vorm op de markt aangetroffen. Het is overigens in deze vorm, dat zij in bijlage I van deze richtlijn zijn opgenomen. Desondanks worden dergelijke stoffen soms op de markt gebracht in niet gestabiliseerde vorm.

In dit geval moet de fabricant of ieder ander die een dergelijke stof op de markt brengt op het etiket de naam van de stof aanbrengen, gevolgd door de vermelding: niet gestabiliseerd.

Voorbeeld: methacrylzuur (niet gestabiliseerd).".

2. In bijlage I „Lijst van gevaarlijke stoffen" worden de volgende rectificaties aangebracht:

Bladzijde	Nummer	Stof	Fout	Rectificatie
21	006-005-00-4	thiram	Xi	Xn
129	017-003-00-8	Bariumchloraat	Het symbool „oxyderend" is niet conform	Gebruik het juiste symbool: een vlam boven een cirkel
129	017-004-00-3	Kaliumchloraat		
130	017-005-00-9	Natriumchloraat		
130	017-006-00-4	Perchloorzuur . . . %		
213	603-002-00-5	Ethanol	C_2H_3OH	C_2H_5OH
293	607-065-00-X	Broomazijnzuur	S: 36/377-/39-44	S: 36/37/39
307	609-001-00-6	1-Nitropropaan	Xi	Xn
357	612-055-00-3	*N*-Methyltoluidine	Nota A	Nota C
33	006-029-00-5	dioxacarb	S werd vergeten vóór de cijfers: 2-13-44	S vóór de cijfers 2-13-44 bijvoegen
63	015-001-00-1	Gele of witte fosfor	S: 5-26/28-45	S: 5-26-28-45
77	015-028-00-9	demeton-O	S: 1-13-26/28-45	S: 1-13-26-28-45
77	015-029-00-4	demeton-S	S: 1-13-26/28-45	S: 1-13-26-28-45
165	082-003-00-7	Loodazide	S: 33/34-35	S: 33-34-35
262	607-004-00-7	Trichloorazijnzuur	S: 24/25/26	S: 24/25-26
383	614-026-00-0	K-Strophantine	R: 23/25/33	R: 23/25-33
396	617-010-00-1	Bis(1-hydroxycyclo-hexyl)-peroxide	S 34 werd vergeten	S 34 bijvoegen

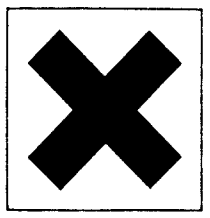
3. Bijlage I „Lijst van gevaarlijke stoffen" wordt als volgt gewijzigd:

(1) No 015-093-00-3: leptophos

Na R 23/24/25: -39 bijvoegen

(2) No 616-001-00-X: *N,N*-Dimethylformamide

Het symbool 

wordt vervangen door het symbool 

De aard der gevaren en de veiligheidsaanbevelingen worden vervangen door de volgende:

R: 20/21-36
S: 26-28-36

(3) No 607-032-00-X: Ethylacrylaat

De aard der gevaren R 20/22 bijvoegen

De veiligheidsaanbeveling S 29 schrappen

(4) No 607-034-00-0: Methylacrylaat

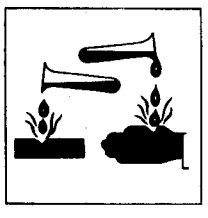
De aard der gevaren R 20/22 bijvoegen

De veiligheidsaanbeveling S 29 bijvoegen

(5) No 607-061-00-8: Acrylzuur

De veiligheidsaanbeveling S 36 bijvoegen

(6) No 607-072-00-8: 2-Hydroxyethylacrylaat

Het symbool 

wordt vervangen door het symbool 

De aard der gevaren en de veiligheidsaanbevelingen worden vervangen door de volgende:

R: 24-34-43
S: 26-36/39-44

(7) No 607-033-00-5: *n*-Butylmethacrylaat

Het symbool blijft St Andreaskruis doch met de aanduiding Xi. De aard der gevaren worden door R: 10-36/37/38 vervangen.

De veiligheidsaanbeveling S 24/25 schrappen.

(8) No 602-054-00-6: 3-Ioodpropeen

De aard der gevaren R 10 bijvoegen

De veiligheidsaanbeveling S 7 bijvoegen

(9) No 603-009-00-3: Cyclohexanol

De aard der gevaren R 10 weglaten

De aard der gevaren R 22 bijvoegen om de kombinatie R 20/22 te vormen; de combinatie R 37/38 wordt toegevoegd.

(10) No 606-001-00-8: Aceton

De veiligheidsaanbeveling S 23 bijvoegen

(11) No 606-002-00-3: Butanon (Ethylmethylketon)

De veiligheidsaanbeveling S 23 bijvoegen

(12) No 606-004-00-4: 4-Methyl-2-pentanon (Methylisobutyketon)

De veiligheidsaanbeveling S 23 bijvoegen

(13) No 603-003-00-0: De nomenclatuur wordt vervangen door de navolgende nomenclatuur:

1-Propanol (Propylalkohol) *[1]* og 2-Propanol (Isopropylalkohol) *[2]*

1-Propanol (Propylalkohol) *[1]* und 2-Propanol (Isopropylalkohol) *[2]*

Propan-1-ol (Propyl alcohol) [1] and Propan-2-ol (Isopropyl alcohol) [2]

1-Propanol (Alcool propylique) *[1]* et 2-Propanol (Alcool isopropylique) *[2]*

1-Propanolo (Alcool propilico) *[1]* e 2-Propanolo (Alcool isopropilico) *[2]*

1-Propanol (Propylalcohol) *[1]* en 2-Propanol (Isopropylalcohol) *[2]*

(14) No 009-013-00-6: De nomenclatuur wordt vervangen door de navolgende nomenclatuur:

Hexafluorosilicater, undtagen de andetsteds i dette bilag nævnte

Hexafluorosilikate, mit Ausnahme der namentlich in dieser Anlage bezeichneten

Fluorosilicates, with the exception of those specified elsewhere in this Annex

Hexafluorosilicates (Fluosilicates), à l'exclusion de ceux nommément désignés dans cette annexe

Esafluosilicati, esclusi quelli espressamente indicati in questo allegato

Hexafluorsilikaten, met uitzondering van de in deze bijlage met name genoemde

(15) Nota D bij de volgende stoffen toevoegen:

No 601-013-00-X: 1,3-Butadieen

No 601-014-00-5: 2-Methyl-buta-1,3-dieen

No 601-026-00-0: Styreen

No 602-023-00-7: Vinylchloride

No 602-025-00-8: 1,1-Dichlooretheen

No 602-029-00-X: 3-Chloorpropeen

No 602-036-00-8: 2-Chloor-1,3-butadieen

No 603-021-00-9: Methylvinylether

No 605-001-01-2: Formaldehyde (conc. >30 %)

No 605-008-00-3: Acroleine

No 606-017-00-5: Diketeen

No 607-023-00-0: Vinylacetaat

No 607-032-00-X: Ethylacrylaat

No 607-033-00-5: *n*-Butylmethacrylaat

No 607-034-00-0: Methylacrylaat

No 607-035-00-6: Methylmethacrylaat

No 607-061-00-8: Acrylzuur

No 607-062-00-3: *n*-Butylacrylaat

No 607-071-00-2: Ethylmethacrylaat

No 607-072-00-8: 2-Hydroxyethylacrylaat

No 608-003-00-4: Acrylnitril

No 613-001-00-1: Ethyleenimine

4. De in de bijlage bij deze richtlijn vermelde stoffen worden in de hierboven vermelde bijlage I „Lijst van gevaarlijke stoffen" overgenomen.

5. (1) Aan bijlage III: „Aard der bijzondere gevaren toegeschreven aan gevaarlijke stoffen", worden de volgende zinnen toegevoegd:

R 42 Kan forårsage overfølsomhed ved indånding

Sensibilisierung durch Einatmen möglich

May cause sensitization by inhalation

Peut entraîner une sensibilisation par inhalation

Può provocare sensibilizzazione per inalazione

Kan overgevoeligheid veroorzaken bij inademing

R 43 Kan forårsage overfølsomhed ved berøring med huden

Sensibilisierung durch Hautkontakt möglich

May cause sensitization by skin contact

Peut entraîner une sensibilisation par contact avec la peau

Può provocare sensibilizzazione per contatto con la pelle

Kan overgevoeligheid veroorzaken bij contact met de huid

(2) Aan de combinatie van de zinnen R worden de volgende combinaties toegevoegd:

R 14/15 Reagerer voldsomt med vand under dannelse af yderst brandfarlige gasser

R 42/43 Kan forårsage overfølsomhed ved indånding og ved berøring med huden

R 14/15 Reagiert heftig mit Wasser unter Bildung leicht entzündlicher Gase

R 42/43 Sensibilisierung durch Einatmen und Hautkontakt möglich

R 14/15 Reacts violently with water liberating highly flammable gases

R 42/43 May cause sensitization by inhalation and skin contact

R 14/15 Réagit violemment au contact de l'eau en dégageant des gaz très inflammables

R 42/43 Peut entraîner une sensibilisation par inhalation et contact avec la peau

R 14/15 Reagisce violentemente con l'acqua liberando gas facilmente infiammabili

R 42/43 Può provocare sensibilizziazione per inalazione e contatto con la pelle

R 14/15 Reageert heftig met water en vormt daarbij licht ontvlambaar gas

R 42/43 Kan overgevoeligheid veroorzaken bij inademing of contact met de huid

(3) In de Nederlandse versie van bijlage III „Aard der bijzondere gevaren toegeschreven aan gevaarlijkè stoffen" moet in de zinnen R 36, R 37, R 38 en hun combinatie R 36/37, R 37/38, R 36/38, R 36/37/38 het woord „prikkelend" door het woord „irriterend" worden vervangen.

6. Bijlage IV: „Veiligheidsaanbeveling met betrekking tot gevaarlijke stoffen" wordt gewijzigd als volgt:

(1) S 23: (geschikte term(en) door de fabrikant aan te geven) toevoegen

(2) S 42: (geschikte term(en) door de fabrikant aan te geven) toevoegen

(3) S 3/7/9 moet in de kombinatie van de S-zinnen worden bijgevoegd

— Emballagen opbevares tæt lukket på et køligt, godt ventileret sted

— Behälter dicht geschlossen halten und an einem kühlen gut gelüfteten Ort aufbewahren.

— Keep container tightly closed in a cool, well-ventilated place

— Conserver le récipient bien fermé dans un endroit frais bien ventilé

— Tenere il recipiente ben chiuso in luogo fresco ben ventilato

— Gesloten verpakking op een koele en goed geventileerde plaats bewaren.

(4) In de Duitse versie van de veiligheidsaanbeveling S 26 moeten de woorden „Spritzer in die Augen" door de woorden „Bei Berührung mit den Augen..." worden vervangen.

Artikel 2

De Lid-Staten nemen en publiceren vóór 1 januari 1980 de bepalingen die nodig zijn om aan deze richtlijn te voldoen en stellen de Commissie daarvan onverwijld in kennis. Zij passen deze bepalingen uiterlijk op 1 juli 1980 toe.

Artikel 3

Deze richtlijn is gericht tot de Lid-Staten.

Gedaan te Brussel, 30 januari 1979.

Voor de Commissie

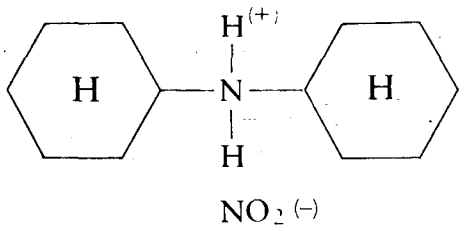
Étienne DAVIGNON

Lid van de Commissie

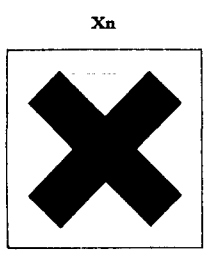
BILAG — ANLAGE — ANNEX — ANNEXE — ALLEGATO — BIJLAGE

Cas No 3129-91-7

No 007-009-00-9



Dicyclohexylammoniumnitrit
Dicyclohexylammoniumnitrit
Dicyclohexylammonium nitrite
Nitrite de dicyclohexylammonium
Dicicloesilammonio nitrito
Dicyclohexylammoniumnitriet



R: 20/22

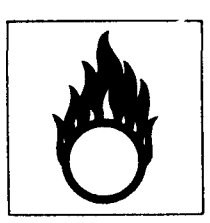
S: 15-41

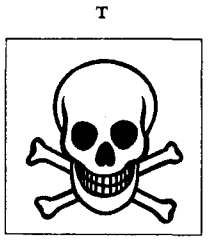
Cas No 7632-00-0

No 007-010-00-4

$NaNO_2$

Natriumnitrit
Natriumnitrit
Sodium nitrite
Nitrite de sodium
Sodio nitrito
Natriumnitriet





R: 8-25

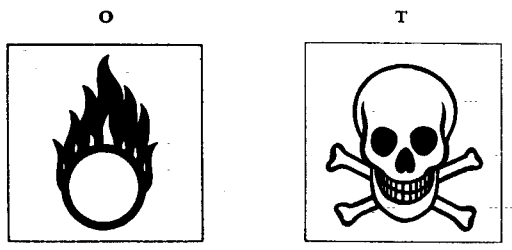
S: 44

Cas No 7558-09-0

No 007-011-00-X

KNO_2

Kaliumnitrit
Kaliumnitrit
Potassium nitrite
Nitrite de potassium
Potassio nitrito
Kaliumnitriet



R: 8-25

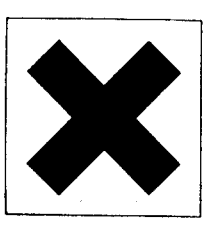
S: 44

Cas No 1310-03-8

No 009-014-00-1

$PbSiF_6$

Blyhexafluorosilicat
Bleihexafluorsilikat
Lead hexafluorosilicate
Hexafluorosilicate de plomb (II) [Fluosilicate de plomb (II)]
Piombo esafluosilicato
Loodhexafluorsilikaat



R: 20/22-33

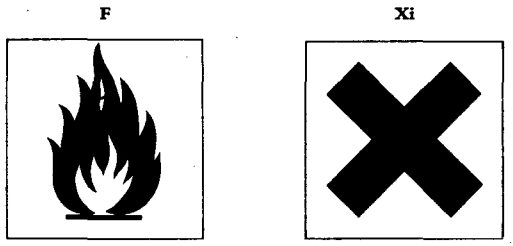
S: 13-20/21-24/25

Cas No 75-79-6

No 014-004-00-5

CH_3SiCl_3

Methyltrichlorsilan
Methyltrichlorsilan
Trichloro(methyl)silane (Methyltrichlorosilane)
Trichlorométhylsilane
Metiltriclorosilano
Methyltrichloorsilaan

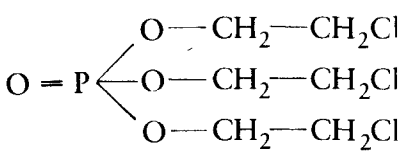


R: 11-14-36/37/38

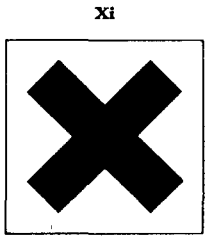
S: 26-39

Cas No 115-96-8

No 015-102-00-0



Tri-(2-chlorethyl)-phosphat
Tris(2-chlorethyl)-phosphat
Tris(2-chloroethyl) phosphate
Phosphate de tris (2-chloroéthyle)
Tris(2-cloroetil) fosfato
Tris(2-chloorethyl) fosfaat



R: 22-36/38

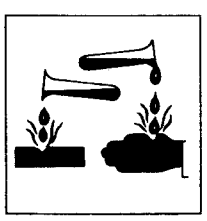
S:

Cas No 7789-60-8	No 015-103-00-6

PBr_3

Phosphortribromid
Phosphortribromid
Phosphorus tribromide
Tribromure de phosphore
Fosforo tribromuro
Fosfortribromide

C



R: 14-34-37

S: 26

Cas No 1314-80-3	No 015-104-00-1

P_2S_5

Phosphorpentasulfid
Diphosphorpentasulfid (Phosphorpentasulfid)
Phosphorus pentasulphide
Pentasulfure de diphosphore (Pentasulfure de phosphore)
Fosforo pentasolfuro
Fosforpentasulfide

F Xn



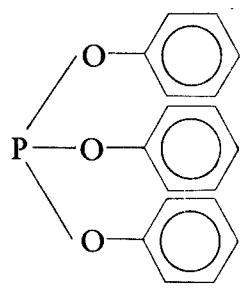


R: 11-20/22-29

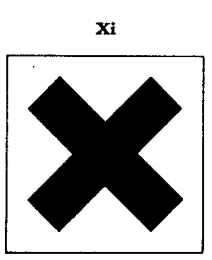
S:

Cas No 101-02-0

No 015-105-00-7



Triphenylphosphit
Triphenylphosphit
Triphenyl phosphite
Phosphite de triphényle
Trifenil fosfito
Trifenylfosfiet

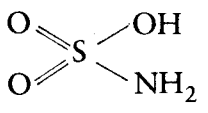


R: 36/38

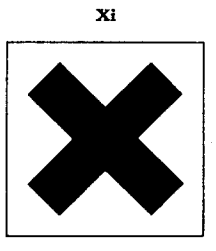
S: 28

Cas No 5329-14-6

No 016-026-00-0



Sulfaminsyre
Amidosulfonsäure (Sulfaminsäure)
Sulphamic acid
Acide amidosulfurique (Acide sulfamique)
Acido solfammico
Sulfaminezuur (Aminosulfonzuur)

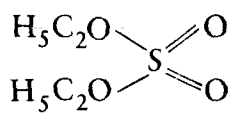


R: 36/38

S: 2-26-28

Cas No 64-67-5

No 016-027-00-6



Diethylsulfat
Diethylsulfat
Diethyl sulphate
Sulfate de diéthyle
Dietile solfato
Diethylsulfaat

T

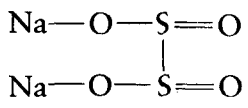


R: 22-23-34

S: 26-37

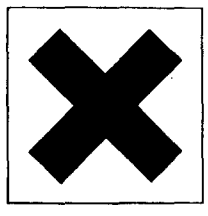
Cas No 7631-94-9

No 016-028-00-1



Natriumdithionit
Natriumdithionit
Sodium dithionite (Sodium hydrosulphite)
Dithionite de sodium (Hydrosulfite de sodium)
Sodio idrosolfito
Natriumdithioniet

Xn

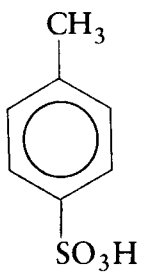


R: 7-22-31

S: 7/8-26-28-43

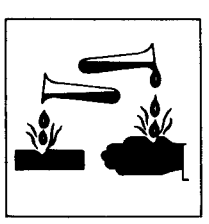
Cas No 104-15-4

No 016-029-00-7



p-Toluensulfonsyre (indeholdende mere end 5 % H_2SO_4)
p-Toluolsulfonsäure(mit mehr als 5 % H_2SO_4)
p-Toluenesulphonic acid (containing more than 5% H_2SO_4)
Acide *p*-toluènesulfonique (contenant plus de 5 % de H_2SO_4)
Acido *p*-toluensolfonico(contenente più del 5 % H_2SO_4)
p-Tolueen sulfonzuur(met meer dan 5 % H_2SO_4)

c

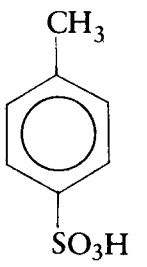


R: 34

S: 26-37/39

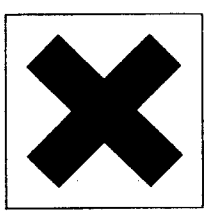
Cas No 104-15-4

No 016-030-00-2



.*p*-Toluensulfonsyre (indeholdende højst 5 % H_2SO_4)
p-Toluolsulfonsäure(mit höchstens 5 % H_2SO_4)
p-Toluenesulphonic acid (containing a maximum of 5% H_2SO_4)
Acide *p*-toluènesulfonique (contenant un maximum de 5 % de H_2SO_4)
Acido *p*-toluensolfonico(contenente non più del 5 % H_2SO_4)
p-Tolueensulfonzuur(met maximum 5 % H_2SO_4)

xi



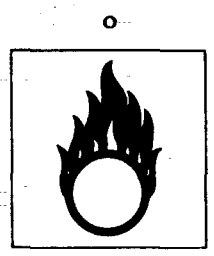
R: 36/37/38

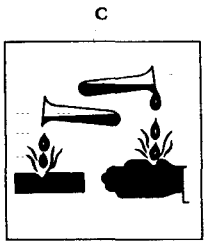
S: 26-37

Cas No 7778-54-3	No 017-012-00-7

$Ca(OCl)_2$ COAC Cl (aktiv / active / actif / attivo / actief) > 39 %

Calciumhypochlorit
Calciumhypochlorit
Calcium hypochlorite
Hypochlorite de calcium
Calcio ipoclorito
Calciumhypochloriet





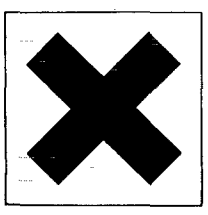
R: 8-31-34

S: 2-26-43

Cas No 7789-00-6	No 024-006-00-8

K_2CrO_4

Kaliumchromat
Kaliumchromat
Potassium chromate
Chromate de potassium
Potassio cromato
Kaliumchromaat



R: 36/37/38

S: 22-28

Cas No	No 048-001-00-5

Nota A

Cadmiumforbindelser, med undtagelse af cadmiumsulfid (CdS), cadmiumsulfoselenid (xCdS · yCdSe) og blandinger af cadmiumsulfid med zinksulfid (xCdS · yZnS), såvel som cadmiumforbindelser opført andetsteds i dette bilag

Cadmiumverbindungen, mit Ausnahme von Cadmiumsulfid (CdS), Cadmiumselenosulfid (xCdS · yCdSe) und Mischungen von Cadmium und Zinksulfid (xCdS · yZns) sowie der in dieser Anlage gesondert aufgeführten Cadmiumverbindungen

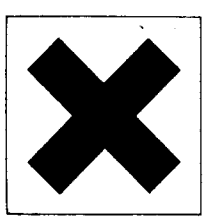
Cadmium compounds, with the exception of cadmium sulphide (CdS), cadmium sulphoselenide (xCdS · yCdSe), mixture of cadmium sulphide with zinc sulphide (xCdS · ZnS), and those specified elsewhere in this Annex

Composés de cadmium à l'exclusion du sulfure (CdS), du sulfoséléniure (xCdS · yCdSe) et du sulfure mixte cadmium-zinc (xCdS · yZnS) et de ceux nommément désignés dans cette annexe

Composti di cadmio, esclusi il solfuro (CdS), il solfoseleniuro (xCdS · yCdSe), i solfuri misti di Cadmio e Zinco (xCdS · yZnS) e quelli espressamente indicati in questo allegato

Cadmiumverbindingen met uitzondering van cadmiumsulfide (CdS), cadmiumsulfoselenide (xCdS · yCdSe) en mengsels van cadmiumsulfide met zinksulfide (xCdS · yZnS) alsmede van in deze bijlage met name genoemde Cd-verbindingen

Xn



R: 20/21/22

S: 22(1)

(1) Såfremt hensigtsmæssigt. Wenn erforderlich. If appropriate. Si approprié. Se appropriato. Indien toepasbaar.

Cas No 1306-19-0	No 048-002-00-0

CdO

Cadmiumoxid
Cadmiumoxid
Cadmium oxide
Oxyde de cadmium
Cadmio ossido
Cadmiumoxide

T



R: 23/25-33-40

S: 22-44

Cas No 4464-23-7

No 048-003-00-6

$Cd(HCOO)_2$

Cadmiumformiat
Cadmiumformiat
Cadmiumformate
Formiate de cadmium
Formiato di cadmio
Cadmiumformiaat

T



R: 23/25-33-40

S: 22-44

Cas No 542-83-6

No 048-004-00-1

$Cd(CN)_2$

Cadmiumcyanid
Cadmiumcyanid
Cadmiumcyanide
Cyanure de cadmium
Cadmio cianuro
Cadmiumcyanide

T



R: 26/27/28-32-33-40

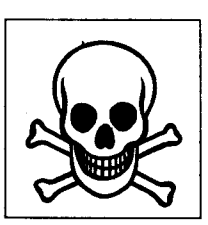
S: 1/2-7-28-29-45

Cas No	No 048-005-00-7

$CdSiF_6$

Cadmiumfiexafluorosilicat
Cadmiumhexafluorosilikat
Cadmium fluorosilicate
Hexafluorosilicate de cadmium (Fluosilicate de cadmium)
Cadmio esafluosilicato
Cadmiumhexafluorsilikaat

T



R: 23/25-33-40

S: 22-44

Cas No 7790-79-6	No 048-006-00-2

CdF_2

Cadmiumfluorid
Cadmiumfluorid
Cadmium fluoride
Fluorure de cadmium
Cadmio fluoruro
Cadmiumfluoride

T



R: 23/25-33-40

S: 22-44

Cas No 7790-80-9

No 048-007-00-8

CdI_2

Cadmiumiodid
Cadmiumiodid
Cadmium iodide
Iodure de cadmium
Cadmio ioduro
Cadmiumiodid

T



R: 23/25-33-40

S: 22-44

Cas No 10108-64-2

No 048-008-00-3

$CdCl_2$

Cadmiumchlorid
Cadmiumchlorid
Cadmium chloride
Chlorure de cadmium
Cadmio cloruro
Cadmiumchloride

T



R: 23/25-33-40

S: 22-44

Cas No	No 051-003-00-9

Nota A

Antimonforbindelser med undtagelse af antimontrisulfid (Sb_2S_3), antimonpentasulfid (Sb_2S_5), antimontrioxid (Sb_2O_3), antimonpentoxid (Sb_2O_5) og sådanne nævnt andetsteds i dette bilag

Antimonverbindungen, mit Ausnahme von Diantimontrioxid (Sb_2O_3), Diantimontetraoxid (Sb_2O_4), Diantimonpentoxid (Sb_2O_5), Diantimontrisulfid (Sb_2S_3), Diantimonpentasulfid (Sb_2S_5) sowie der Antimonverbindungen, die in dieser Anlage gesondert aufgeführt sind

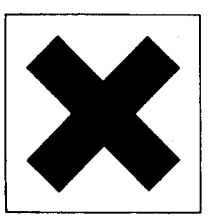
Antimony compounds, with the exception of the trioxide (Sb_2O_3), tetroxide (Sb_2O_4), pentoxide (Sb_2O_5), trisulphide (Sb_2S_3), pentasulphide (Sb_2S_5) and those specified elsewhere in this Annex

Composés d'antimoine à l'exclusion du trioxyde (Sb_2O_3), du tétroxyde (Sb_2O_4), du pentoxyde (Sb_2O_5), du trisulfure (Sb_2S_3), du pentasulfure (Sb_2S_5) et de ceux nommément désignés dans cette annexe.

Composti di antimonio esclusi triossido (Sb_2O_3) tetraossido (Sb_2O_4), pentaossido (Sb_2O_5), trisolfuro (Sb_2S_3), pentasolfuro (Sb_2S_5) e quelli espressamente indicati in questo allegato

Antimoonverbindingen met uitzondering van trioxide (Sb_2O_3), tetroxide (Sb_2O_4), pentoxide (Sb_2O_5), trisulfide (Sb_2S_3), pentasulfide (Sb_2S_5) alsmede van in deze bijlage met name genoemde zouten

Xn



R: 20/22

S: 22(1)

(1) Såfremt hensigtsmæssigt. Wenn erforderlich. If appropriate. Si approprié. Se appropriato. Indien toepasbaar.

Cas No 7783-56-4	No 051-004-00-4

SbF_3

Antimontrifluorid
Antimontrifluorid
Antimony trifluoride
Trifluorure d'antimoine
Antimonio trifluoruro
Antimoontrifluoride

T



R: 23/24/25

S: 7-26-44

Cas No 20816-12-0	No 076-001-00-5

OsO_4

Osmiumtetraoxid
Osmiumtetraoxid
Osmium tetraoxide (Osmic acid)
Tétraoxyde d'osmium (Acide osmique)
Tetrossido di osmio (Osmio tetrossido)
Osmiumtetraoxide

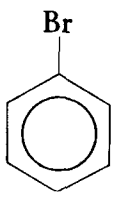
T



R: 26/27/28-34

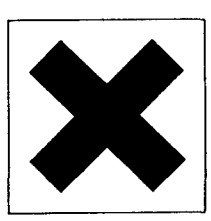
S: 7/9-26-45

Cas No 108-86-1	No 602-060-00-9



Brombenzen
Brombenzol
Bromobenzene
Bromobenzène
Bromobenzene
Broombenzeen

xi



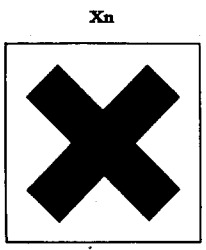
R: 10-38

S:

Cas No 116-15-4	No 602-061-00-4

$$CF_3—CF = CF_2$$

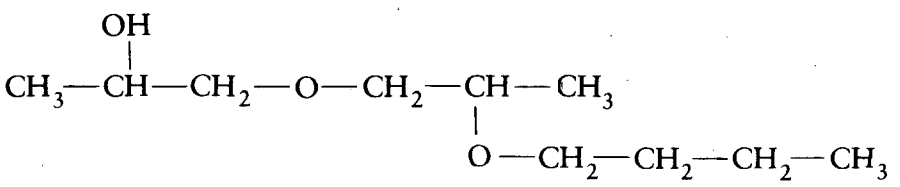
Hexafluorpropen
Hexafluorpropen (Perfluorpropylen)
Hexafluoropropene (Hexafluoropropylene)
Perfluoropropène (Hexafluoropropylène)
Esafluoropropene (Perfluoropropene)
Perfluorpropeen (Hexafluorpropeen)



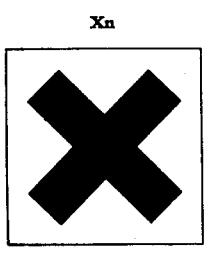
R: 20-37

S: 41

Cas No	No 603-050-00-7



1-(2-Butoxypropoxy)-2-propanol
1-(2-Butoxypropoxy)-2-propanol
1-(2-Butoxypropoxy)propan-2-ol
1-(2-Butoxypropoxy)-2-propanol
(Éther-monobutylique du dipropylène-glycol)
1-(2-butossi propossi)-2-propanolo
(Etere monobutilico del dipropilenglicole)
1-(2-Butoxypropoxy)-2-propanol



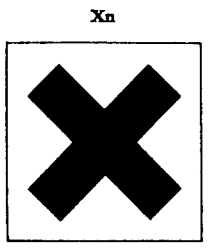
R: 21/22

S:

Cas No 97-95-0	No 603-051-00-2

$$CH_3—CH_2—\underset{\displaystyle C_2H_5}{\overset{\displaystyle |}{CH}}—CH_2OH$$

2-Ethylbutanol
2-Ethylbutanol
2-Ethylbutan-1-ol
2-Éthylbutanol
2-Etilbutanolo
2-Ethylbutanol



R: 21/22

S:

Cas No	No 603-052-00-8

$$C_4H_9—O—CH_2—CHOH—CH_3$$

3-Butoxy-2-propanol
3-Butoxy-2-propanol
3-Butoxypropan-2-ol (Propylene glycol monobutyl ether)
3-Butoxy-2-propanol (Éther monobutylique du propylène-glycol)
3-Butossi-2-propanolo
3-Butoxy-2-propanol

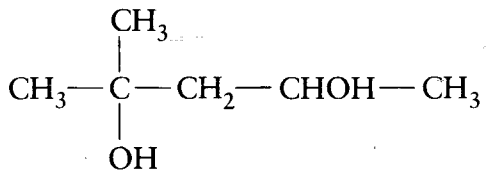


R: 36/38

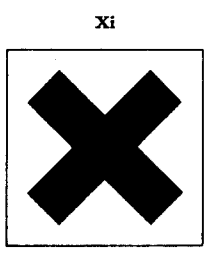
S:

Cas No 107-41-5

No 603-053-00-3



2-Methyl-2,4-pentandiol
2-Methyl-2,4-pentandiol
2-Methylpentane-2,4-diol
2-Méthyl-2,4-pentanediol
2-Metil-2,4-pentandiolo
2-Methyl-2,4-pentaandiol

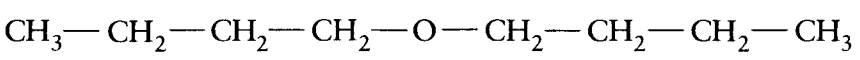


R: 36/38

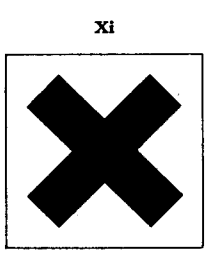
S:

Cas No 142-96-1

No 603-054-00-9



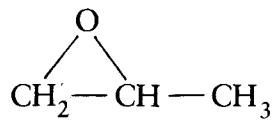
Dibutylether (Di-*n*-butylether)
Di-*n*-butylether
Di-*n*-butyl ether (Dibutyl ether)
Oxyde de dibutyle (Éther *n*-butylique)
Di-*n*-butil-etere
Di-*n*-butylether



R: 10-36/37/38

S:

Cas No 75-56-9	No 603-055-00-4

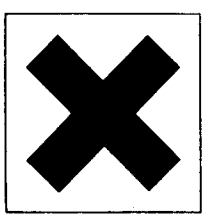


1,2-Epoxypropan (Methyloxiran)
1,2-Epoxypropan
(1,2-Propylenoxid)
1,2-Epoxypropane
(1,2-Propylene oxide)
1,2-Époxypropane
(Oxyde de propylène)
1,2-Epossipropano
(Ossido di propilene)
1,2-Epoxypropaan
(1,2-propyleenoxide)

F



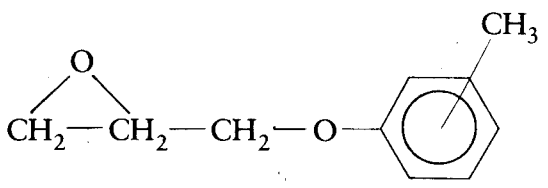
Xn



R: 12-20/21/22

S: 9-16-26-29

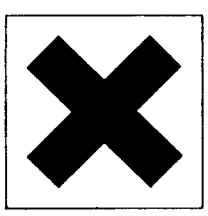
Cas No 26447-14-3	No 603-056-00-X



Nota C

1,2-Epoxy-3-(tolyloxy)-propan (Cresylglycidylether)
1,2-Epoxy-3-(tolyloxy)-propan (Kresylglycidylether)
1,2-Epoxy-3-(tolyloxy)propane (Cresyl glycidyl ether)
1,2-Époxy-3-(tolyloxy)propane (Oxyde de glycidyle et de tolyle)
1,2-Epossi-3 (tolilossi)-propano (Cresile glicidile etere)
1,2-Epoxy-3 (tolyloxy)-propaan (Cresylglycidylether)

xi

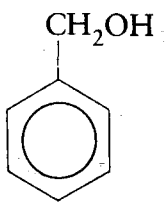


R: 38

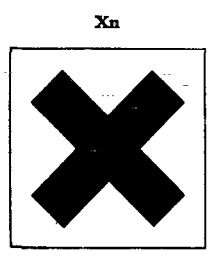
S: 26-28

Cas No 100-51-6

No 603-057-00-5



Benzylalkohol
Benzylalkohol
Benzyl alcohol
Alcool benzylique
Alcool benzilico
Benzylalcohol

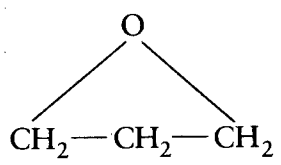


R: 20/22

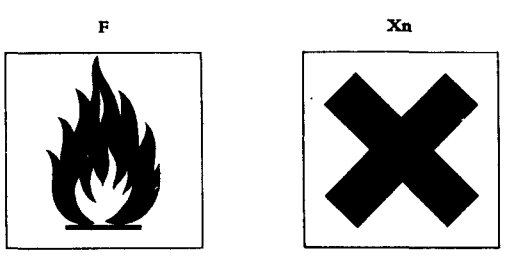
S: 26

Cas No 503-30-0

No 603-058-00-0



Oxetan
1,3-Epoxypropan
(1,3-Propylenoxid)
1,3-Propylene oxide
1,3-Époxypropane
(Oxyde de triméthylène)
1,3-Epossipropano
1,3-Epoxypropaan
(1,3-propyleenoxide)



R: 11-20/21/22

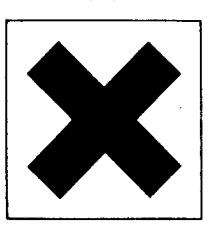
S: 9-16-26-29

Cas No 111-27-3

No 603-059-00-6

$CH_3—CH_2—CH_2—CH_2—CH_2—CH_2OH$

1-Hexanol
1-Hexanol
Hexan-1-ol
1-Hexanol (Alcool hexylique)
1-Esanolo
1-Hexanol

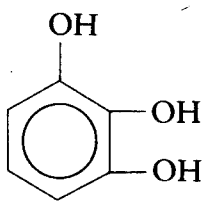


R: 22

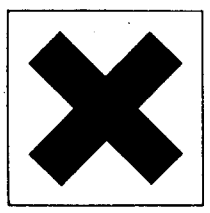
S: 24/25

Cas No 87-66-1

No 604-009-00-6



1,2,3-Trihydroxybenzen (Pyrogallol)
1,2,3-Trihydroxybenzol (Pyrogallol)
1,2,3-Trihydroxybenzene (Pyrogallol)
1,2,3-Benzènetriol (Pyrogallol)
1,2,3-Triidrossibenzene (Pirogallolo)
1,2,3-Trihydroxybenzeen (Pyrogallol)

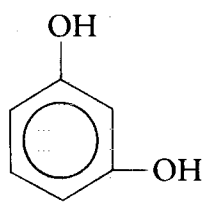


R: 20/21/22

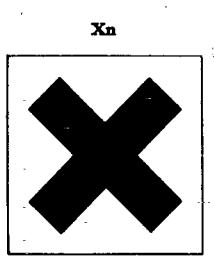
S:

Cas No 108-46-3

No 604-010-00-1



1,3-Benzendiol (Resorcinol)
1,3-Dihydroxybenzol (Resorcin)
Resorcinol (1,3-Benzenediol)
1,3-Benzènediol (Résorcinol)
1,3-Diidrossibenzene (Resorcina)
1,3-Benzeendiol (Resorcinol)

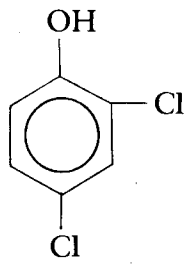


R: 22-36/38

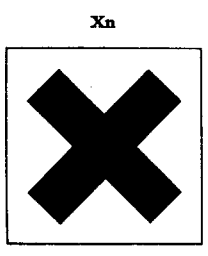
S: 26

Cas No 120-83-2

No 604-011-00-7



2,4-Dichlorphenol
2,4-Dichlorphenol
2,4-Dichlorophenol
2,4-Dichlorophénol
2,4-Diclorofenolo
2,4-Dichloorfenol

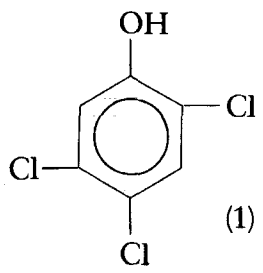


R: 22-36/38

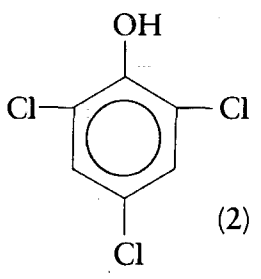
S: 26-28

Cas No	95-95-4 [1] 88-06-2 [2]

No 604-012-00-2



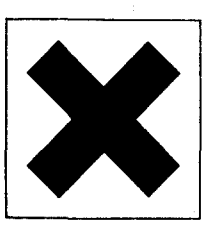
(1)



(2)

2,4,5-Trichlorphenol (1)
2,4,6-Trichlorphenol (2)
2,4,5-Trichlorphenol (1)
2,4,6-Trichlorphenol (2)
2,4,5-Trichlorophenol (1)
2,4,6-Trichlorophenol (2)
2,4,5-Trichlorophénol (1)
2,4,6-Trichlorophénol (2)
2,4,5-Triclorofenolo (1)
2,4,6-Triclorofenolo (2)
2,4,5-Trichloorfenol (1)
2,4,6-Trichloorfenol (2)

Xn

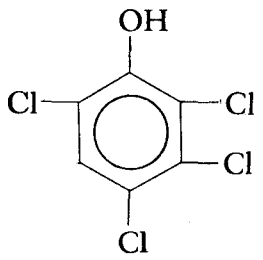


R: 22-36/38

S: 26-28

Cas No	58-90-2

No 604-013-00-8



2,3,4,6-Tetrachlorphenol
2,3,4,6-Tetrachlorphenol
2,3,4,6-Tetrachlorophenol
2,3,4,6-Tétrachlorophénol
2,3,4,6-Tetraclorofenolo
2,3,4,6-Tetrachloorfenol

T

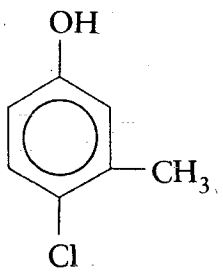


R: 25-36/38

S: 26-28-37-44

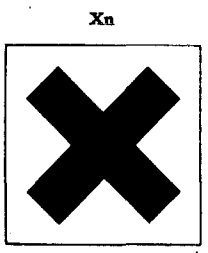
Cas No 59-50-7

No 604-014-00-3



4-Chlor-3-methylphenol
(*p*-Chlor-*m*-cresol)
4-Chlor-3-methylphenol
(4-Chlor-*m*-kresol)
4-Chloro-*m*-crésol
(4-Chloro-3-methylphenol)
4-Chloro-3-méthylphénol
(*p*-Chloro-*m*-crésol)
4-Cloro-3-metilfenolo
(*p*-cloro-*m*-cresolo)
4-Chloor-3-methylfenol
(*p*-chloor-*m*-kresol)

Xn

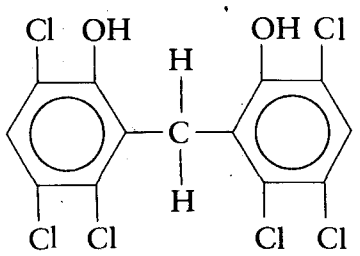


R: 21/22-38

S: 26-28

Cas No 70-30-4

No 604-015-00-9



2,2'-Methylen-bis-(3,4,6-trichlorphenol)
(Hexachlorophen)
2,2'-Methylen-bis-(3,4,6-trichlorphenol)
(Hexachlorophen)
2,2'-Methylenebis-(3,4,6-trichlorophenol)
(Hexachlorophene)
2,2'-Méthylène-bis(3,4,6-trichlorophénol)
(Hexachlorophène)
2,2'-Metilen-bis-(3,4,6-triclorofenolo)
(Esaclorofene)
2,2'-methyleen-bis-(3,4,6-trichloorfenol)
(Hexachlorofeen)

T

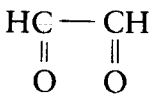


R: 24/25

S: 20-37-44

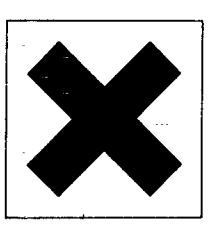
Cas No 107-22-2	No 605-016-00-7

Nota B



Glyoxal ... % (Ethandial ... %)
Glyoxal ... %
Ethane-1,2-dione ... % (Glyoxal ... %)
Glyoxal ... %
Gliossale ... %
Glyoxaal ... %

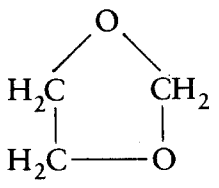
xi



R: 36/38

S: 26-28

Cas No 646-06-0	No 605-017-00-2



1,3-Dioxolan
1,3-Dioxolan
1,3-Dioxolane
1,3-Dioxolane
1,3-Diossolano
1,3-Dioxolan

F



R: 11

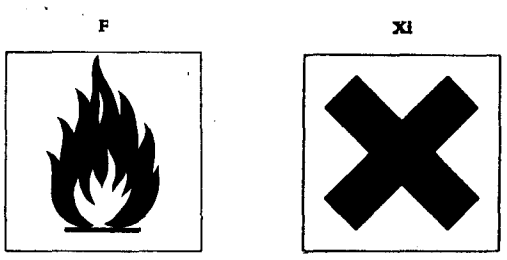
S: 16

Cas No 123-38-6

No 605-018-00-8

$CH_3—CH_2—CHO$

Propanal (Propionaldehyd)
Propanal (Propionaldehyd)
Propanal (Propionaldehyde)
Propanal (Aldéhyde propionique)
Propanale (Aldeide propionica)
Propanal (Propionaldehyde)

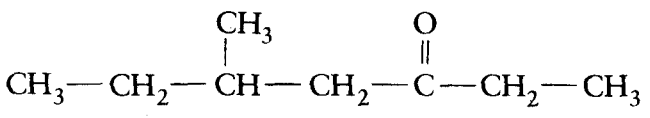


R: 11-36/37/38

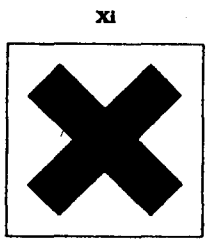
S: 9-16-29

Cas No 541-85-5

No 606-020-00-1



5-Methyl-3-heptanon
5-Methyl-3-heptanon
5-Methylheptan-3-one
5-Méthyl-3-heptanone
5-Metil-3-eptanone
5-Methyl-3-heptanon

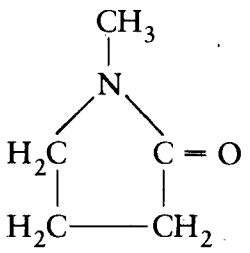


R: 10-36/37

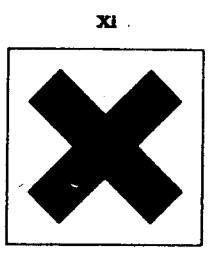
S: 23

Cas No 872-50-4

No 606-021-00-7



N-Methyl-2-pyrrolidon
N-Methyl-2-pyrrolidon
N-Methyl-2-pyrrolidone
N-Méthyl-2-pyrrolidone
N-metil 2 pirrolidone
N-Methyl-2-pyrrolidon

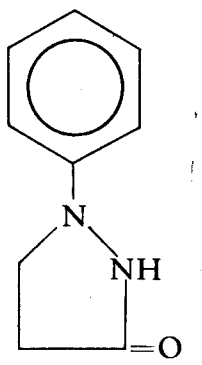


R: 36/38

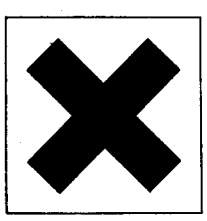
S: 41

Cas No 92-43-3

No 606-022-00-2



1-Phenyl-3-pyrazolidon
1-Phenyl-3-pyrazolidon
1-Phenyl-3-pyrazolidone
1-Phényl-3-pyrazolidone
1-Fenile-3-pirazolidone
1-Fenyl-3-pyrazolidon

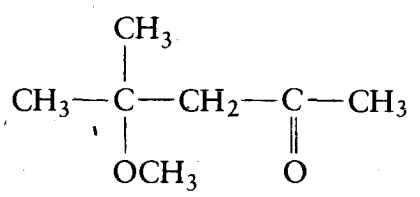


R: 22

S:

CAs No 107-70-0

No 606-023-00-8



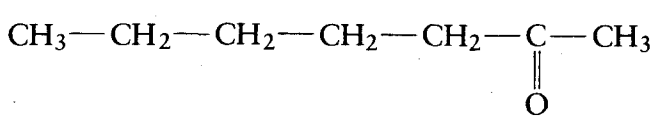
4-Methoxy-4-methylpentan-2-on
(Diacetonemethylether)
4-Methoxy-4-methyl-2-pentanon
(Diacetonalkoholmethylether)
4-Methoxy-4-methylpentan-2-one
4-Méthoxy-4-méthyl-2-pentanone
4-Metossi-4-metil-2-pentanone
4-Methoxy-4-methyl-2-pentanon

R: 10

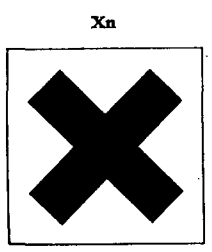
S: 23

Cas No 110-43-0

No 606-024-00-3



2-Heptanon
2-Heptanon
Heptan-2-one
2-Heptanone (Méthyl-*n*-amylcétone)
2-Eptanone
2-Heptanon

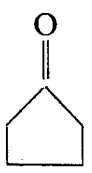


R: 10-22

S: 23

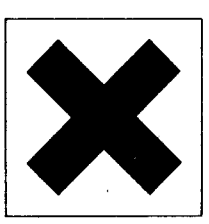
Cas No 120-92-3

No 606-025-00-9



Cyclopentanon
Cyclopentanon
Cyclopentanone
Cyclopentanone
Ciclopentanone
Cyclopentanon

xi

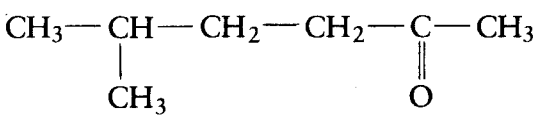


R: 10-36/38

S: 23

Cas No 110-12-3

No 606-026-00-4



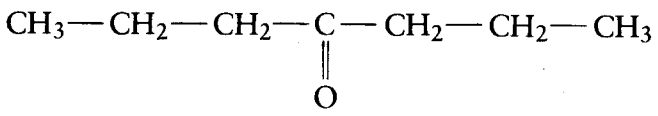
5-Methyl-2-hexanon
5-Methyl-2-hexanon
5-Methylhexan-2-one (Methylisoamyl ketone)
5-Méthyl-2-hexanone (Méthylisoamylcétone)
5-Metil-2-esanone
5-Methyl-2-hexanon

R: 10

S: 23

Cas No 123-19-3

No 606-027-00-X



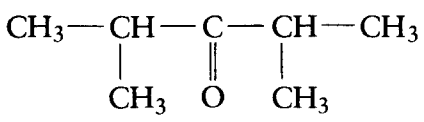
4-Heptanon (Dipropylketon)
4-Heptanon (Dipropylketon)
Heptan-4-one (Di-n-propyl ketone)
4-Heptanone (Dipropylcétone)
4-Eptanone (Dipropilchetone)
4-Heptanon (Dipropylketon)

R: 10

S: 23

Cas No 565-80-0

No 606-028-00-5



2,4-Dimethyl-3-pentanon (Diisopropylketon)
2,4-Dimethyl-3-pentanon (Diisopropylketon)
2,4-Dimethylpentan-3-one (Di-isopropyl ketone)
2,4-Diméthyl-3-pentanone (Diisopropylcétone)
2,4-Dimetil-3-pentanone
2,4-Dimethyl-3-pentanon (Diisopropylketon)

F

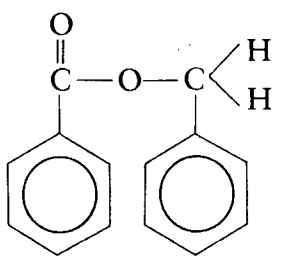


R: 11

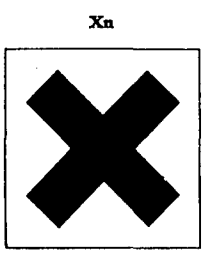
S: 16-23

Cas No 120-51-4

No 607-085-00-9



Benzylbenzoat
Benzylbenzoat
Benzyl benzoate
Benzoate de benzyle
Benzile benzoato
Benzylbenzoaat

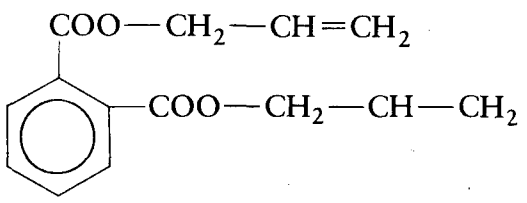


R: 22

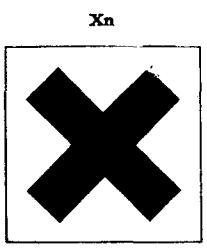
S: 25

Cas No 131-17-9

No 607-086-00-4



Diallylphthalat
Diallylphthalat
Diallyl phthalate
Phtalate de diallyle
Diallile ftalato
Diallylftalaat

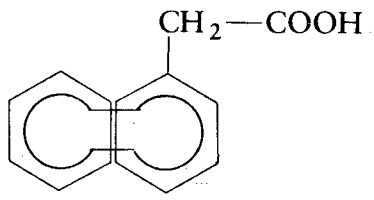


R: 22

S: 24/25

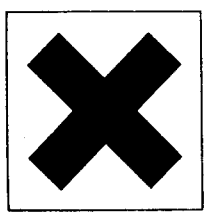
Cas No 86-87-3

No 607-087-00-X



1-Naphthyleddikesyre
1-Naphthylessigsäure
1-Naphthylacetic acid
Acide 1-naphtylacétique
Acido 1-naftilacetico
1-Naphtylazijnzuur

Xn



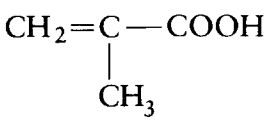
R: 22

S: 24/25

Cas No 79-41-4

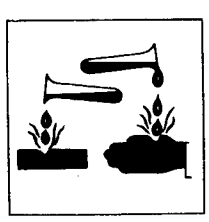
No 607-088-00-5

Nota D



Methacrylsyre (2-Methylpropensyre)
Methacrylsäure
Methacrylic acid (2-Methylpropenoic acid)
Acide méthacrylique
Acido metacrilico (Acido 2-metil propenoico)
Methacrylzuur

C



R: 34

S: 15-26

Cas No 79-09-4	No 607-089-00-0

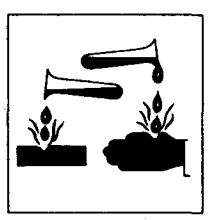
Nota B

$CH_3—CH_2—COOH$

conc > 25 %

Propionsyre ... %
Propionsäure ... %
Propionic acid ... %
Acide propionique ... %
Acido propionico ... %
Propionzuur ... %

c



R: 34

S: 2-23-26

Cas No 79-09-4	No 607-089-01-8

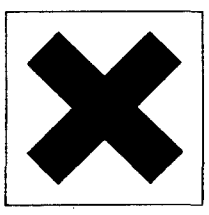
Nota B

$CH_3—CH_2—COOH$

10 % ≤ conc ≤ 25 %

Propionsyre ... %
Propionsäure ... %
Propionic acid ... %
Acide propionique ... %
Acido propionico ... %
Propionzuur ... %

xi



R: 36/37/38

S: 2

Cas No 68-11-1	No 607-090-00-6

$HS—CH_2—COOH$

Mercaptoeddikesyre (Thioglycolsyre)
Thioglykolsäure
Thioglycolic acid
Acide mercaptoacétique (Acide thioglycolique)
Acido tioglicolico
Thioglycolzuur

T



R: 23/24/25-34

S: 2-25-27-28

Cas No 76-05-1	No 607-091-00-1

Nota B

$CF_3—COOH$
conc > 10 %

Trifluoreddikesyre ... %
Trifluoressigsäure ... %
Trifluoroacetic acid ... %
Acide trifluoroacétique ... %
Acido trifluoroacetico ... %
Trifluorazijnzuur ... %

C



R: 20-35

S: 9-26-27-28

Cas No 76-05-1

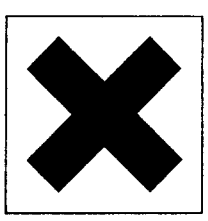
No 607-091-01-9

Nota B

$CF_3—COOH$

2 % ≤ conc ≤ 10 %

Trifluoreddikesyre ... %
Trifluoressigsäure ... %
Trifluoroacetic acid ... %
Acide trifluoroacétique ... %
Acido trifluoroacetico ... %
Trifluorazijnzuur ... %

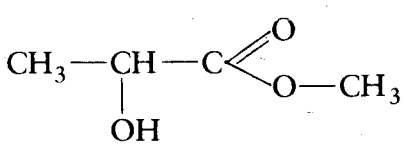


R: 36/37/38

S: 23-26

Cas No 547-64-8

No 607-092-00-7



Methyllactat
Methyllaktat
Methyl lactate
Lactate de méthyle
Metile lattato
Methyllactaat

R: 10

S: 23

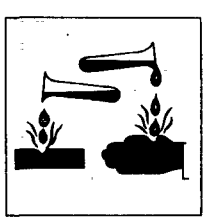
Cas No 79-03-8	No 607-093-00-2

$$CH_3—CH_2—COCl$$

Propionylchlorid
Propionylchlorid
Propionyl chloride
Chlorure de propionyle
Propionile cloruro
Propionylchloride

F C





R: 11-14-34

S: 9-16-26

Cas No 79-21-0	No 607-094-00-8

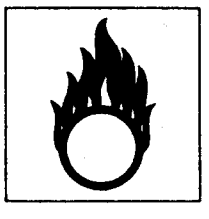
$$CH_3—\overset{\overset{O}{\|}}{C}—OOH$$

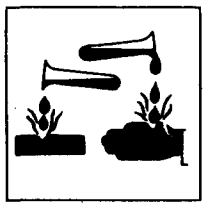
conc > 10 %

Nota B
Nota D

Peroxyeddikesyre ... %
(Pereddikesyre ... %)
Peroxyessigsäure ... %
(Peressigsäure ... %)
Peracetic acid ... %
Acide peracétique ... %
Acido peracetico ... %
Perazijnzuur ... %

o c



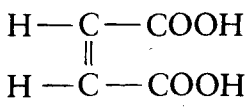


R: 5-22-34

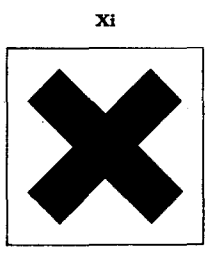
S: 3-27-36

Cas No 110-16-7

No 607-095-00-3



Maleinsyre
Maleinsäure
Maleic acid
Acide maléique
Acido maleico
Maleïnezuur

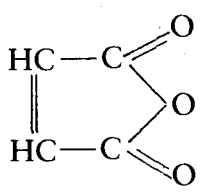


R: 22-36/37/38

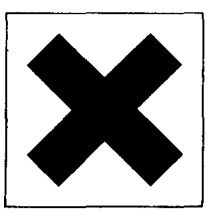
S: 26-28-37

Cas No 108-31-6

No 607-096-00-9



Maleinsyreanhydrid
Maleinsäureanhydrid
Maleic anhydride
Anhydride maléique
Anidride maleica
Maleïnezuuranhydride

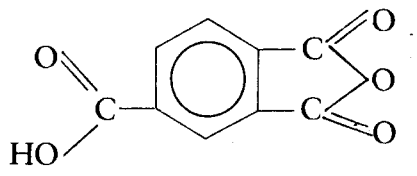


R: 22-36/37/38-42

S: 22-28-39

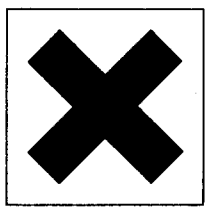
Cas No 552-30-7

No 607-097-00-4



1,2,4-Benzentricarboxylsyre-1,2-anhydrid
(Trimellitsyreanhydrid)
Trimellitsäureanhydrid
(1,2,4-Benzoltricarbonsäureanhydrid)
Benzene-1,2,4-tricarboxylic-1,2-anhydride
(Trimellitic anhydride)
1,2-Anhydride 1,2,4-benzènetricarboxylique
(Anhydride trimellitique)
Anidride dell'acido 1,2,4-benzen tricarbossilico
(Anidride trimellitica)
1,2,4-Benzeentricarbonzuuranhydride
(Trimellietzuuranhydride)

xi

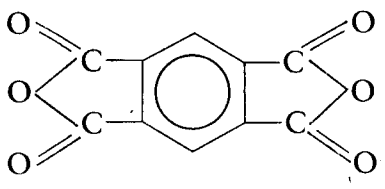


R: 36/37/38-42

S: 22-28

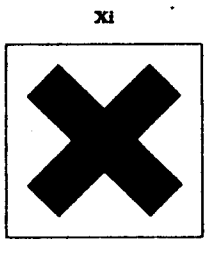
Cas No 89-32-7

No 607-098-00-X



1,2,4,5-Benzentetracarboxylsyredianhydrid
Pyromellitsyredianhydrid
Pyromellitsäuredianhydrid
(1,2,4,5-Benzoltetracarbonsäuredianhydrid)
Benzene-1,2:4,5-tetracarboxylic dianhydride
(Pyromellitic dianhydride)
Dianhydride1,2:4,5-benzènetétracarboxylique
(Dianhydride pyromellitique)
Dianidride dell'acido 1,2,4,5-benzen tetracarbossilico
(Dianidride piromellitica)
1,2,4,5-Benzeentetracarbonzuurdianhydride
(Pyromellietzuurdianhydride)

xi

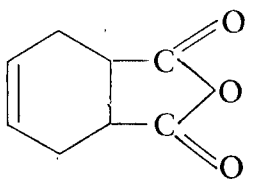


R: 36/37/38

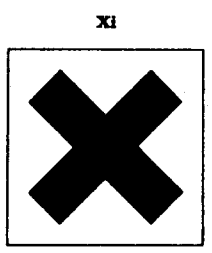
S: 25

Cas No 85-43-8

No 607-099-00-5



4-Cyclohexen-1,2-dicarboxylsyreanhydrid
(Tetrahydrophthalsyreanhydrid)
Tetrahydrophthalsäureanhydrid
Cyclohex-4-ene-1,2-dicarboxylic anhydride
(Tetrahydrophthalic anhydride)
Anhydride 4-cyclohexène-1,2-dicarboxylique
(Anhydride tétrahydrophtalique)
Anidride tetraidroftalica
(Anidride 4-cicloesen-1,2-dicarbossilica)
4-Cyclohexeen-1,2-dicarbonzuuranhydride
(Tetrahydroftaalzuuranhydride)

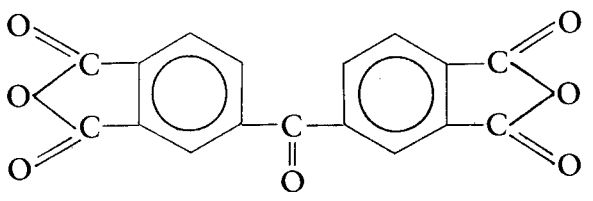


R: 36/37

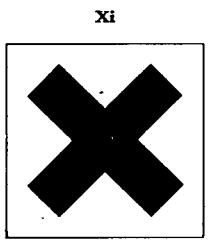
S: 25

Cas No 2421-28-5

No 607-100-00-9



3,3′,4,4′-Benzophenontetracarboxylsyredianhydrid
3,3,4,4′-Benzophenontetracarbonsäuredianhydrid
(4,4′-Carbonyldiphthalsäureanhydrid)
Benzophenone-3,3′,4,4′-Tetracarboxylic dianhydride
[4,4′-Carbonyldi(phthalic anhydride)]
Dianhydride de3,4:3′,4′-benzophénonetétracarboxylique
(Dianhydride 4,4′-carbonyldiphtalique)
Dianidride 3,3′,4,4′-benzofenontetracarbossilica
3,3′,4,4′-Benzofenontetracarbonzuurdianhydride

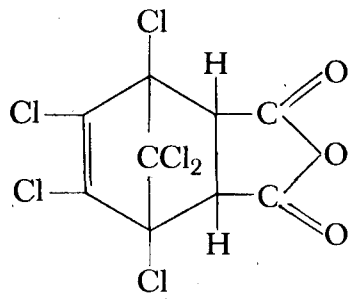


R: 36/37

S: 25

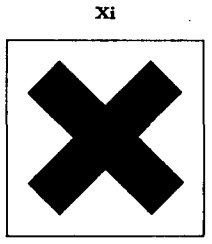
Cas No 115-27-5

No 607-101-00-4



1,4,5,6,7,7-Hexachlorbicyclo-*[*2.2.1*]*-hept-5-en-2,3-dicarboxylsyreanhydrid
1,4,5,6,7,7-Hexachlorobicyclo-*[*2.2.1*]*-5-hept-5-en-2,3-dicarbonsäureanhydrid
1,4,5,6,7,7-Hexachlorobicyclo*[*2.2.1*]*hept-5-ene-2,3-dicarboxylic anhydride (Chlorendic anhydride)
Anhydride 1,4,5,6,7,7-hexachlorobicyclo *[*2,2,1*]*-5-heptène-2,3-dicarboxylique (Anhydride chlorendique)
Anidride 1,4,5,6,7,7-esaclorobiciclo *[*2.2.1*]*-5-epten-2,3-dicarbossilica (Anidride clorendica)
2*H*-3*H*-Hexachloorbicyclo-*[*2.2.1*]*-5hepteen-2,3-dicarbonzuuranhydride

xi

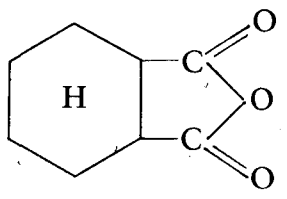


R: 36/37/38

S: 25

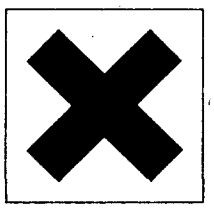
Cas No 85-42-7

No 607-102-00-X



1,2-Cyclohexandicarboxylsyreanhydrid (Hexahydrophthalsyreanhydrid)
1,2-Cyclohexandicarbonsäureanhydrid (Hexahydrophthalsäureanhydrid)
Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride)
Anhydride 1,2-cyclohexanedicarboxylique (Anhydride hexahydrophtalique)
Anidride 1,2-cicloesandicarbossilica (Anidride esaidroftalica)
1,2-Cyclohexaandicarbonzuuranhydride (Hexahydroftaalzuuranhydride)

xi

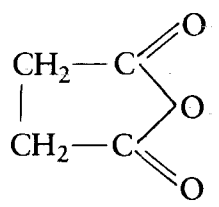


R: 36/37/38

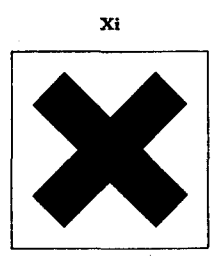
S: 23-39

Cas No 108-30-5

No 607-103-00-5



Ravsyreanhydrid
Bernsteinsäureanhydrid
Succinic anhydride
Anhydride succinique
Anidride succinica
Barnsteenzuuranhydride

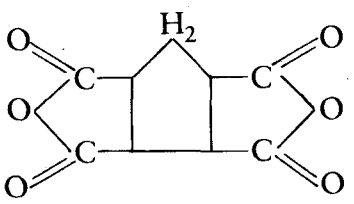


R: 36/37

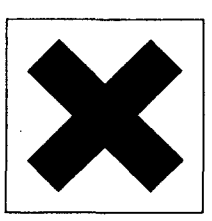
S: 25

Cas No

No 607-104-00-0



1,2,3,4-Cyclopentantetracarboxylsyredianhydrid
1,2,3,4-Cyclopentantetracarbonsäuredianhydrid
Cyclopentane-1,2,3,4-tetracarboxylic dianhydride
Dianhydride 1,2,3,4-cyclopentanetétracarboxylique
Dianidride 1,2,3,4-ciclopentan tetracarbossilica
1,2,3,4-Cyclopentaantetracarbonzuurdianhydride

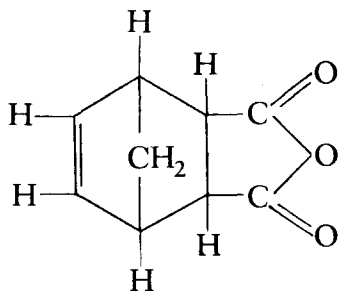


R: 36/37

S: 25

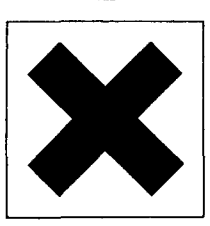
Cas No 129-64-6

No 607-105-00-6



5-Norbornen-2,3-dicarbonoxylsyreanhydrid
5-cis-Norbornen-2,3-dicarbonsäureanhydrid
8,9,10-Trinorborn-5-ene-2,3-dicarboxylic anhydride
Anhydride 5-norbornène-2,3-dicarboxylique
Anidride endo-*cis*-biciclo [2,2,1]-5-epten-2,3-dicarbossilica
5-Norborneen-2,3-dicarbonzuuranhydride

xi

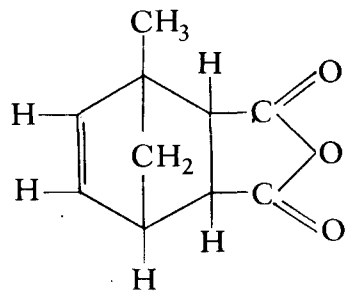


R: 36/37/38

S: 39

Cas No 25134-21-8

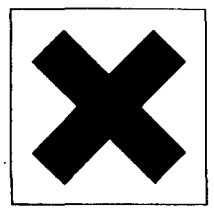
No 607-106-00-1



Nota C

1-Methyl-5-norbornen-2,3-dicarboxylsyreanhydrid
1-Methyl-5-norbornen-2,3-dicarbonsäureanhydrid
8,9-Dinorborn-5-ene-2,3-dicarboxylic anhydride
Anhydride -méthyl-5-norbornène-2,3-dicarboxylique
Anidride 1-metil-5-norbornen-2,3-dicarbossilica
1-Methyl-5-norborneen-2,3-dicarbonzuuranhydride

Xn

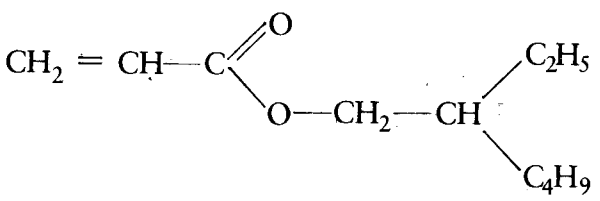


R: 22-36/37/38

S: 39

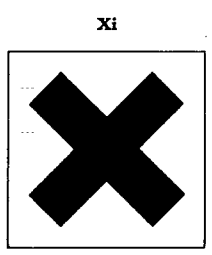
Cas No 103-11-7

No 607-107-00-7



Nota D

2-Ethylhexylacrylat
2-Ethylhexylacrylat
2-Ethylhexyl acrylate
Acrylate de 2-éthylhexyle
2-Etilesil acrilato
2-Ethylhexylacrylaat

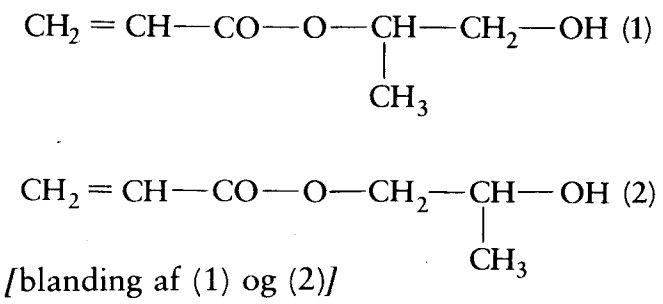


R: 37/38

S:

Cas No 999-61-1

No 607-108-00-2



Nota D

Hydroxypropylacrylat /blanding af (1) og (2)/
Hydroxypropylacrylate /Gemisch (1) und (2)/
Hydroxypropyl acrylate /mixture of (1) and (2)/
Acrylate d'hydroxypropyle /mélange (1) et (2)/
Idrossipropilacrilato /miscela (1) e (2)/
Hydroxypropylacrylaat /Mengsel (1) en (2)/

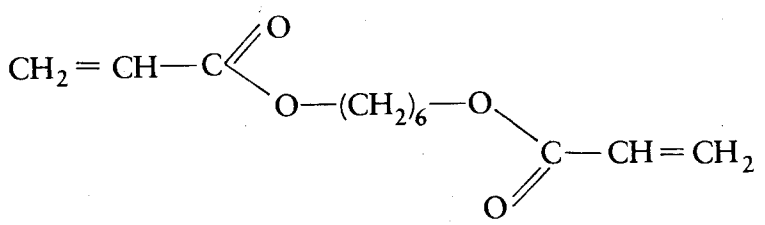


R: 23/24/25-34-43

S: 26-36/39-44

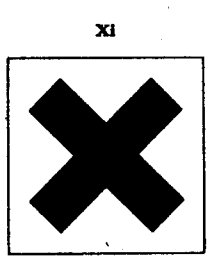
Cas No

No 607-109-00-8



Nota D

1,6-Hexandioldiacrylat
1,6-Hexandioldiacrylat
Hexamethylene diacrylate
(Hexane-1,6-diol diacrylate)
Diacrylate d'hexaméthylène
(Diacrylate de 1,6-hexanediol)
1,6-Esandiol diacrilato
1,6-Hexaandioldiacrylaat
(Hexamethyleendiacrylaat)

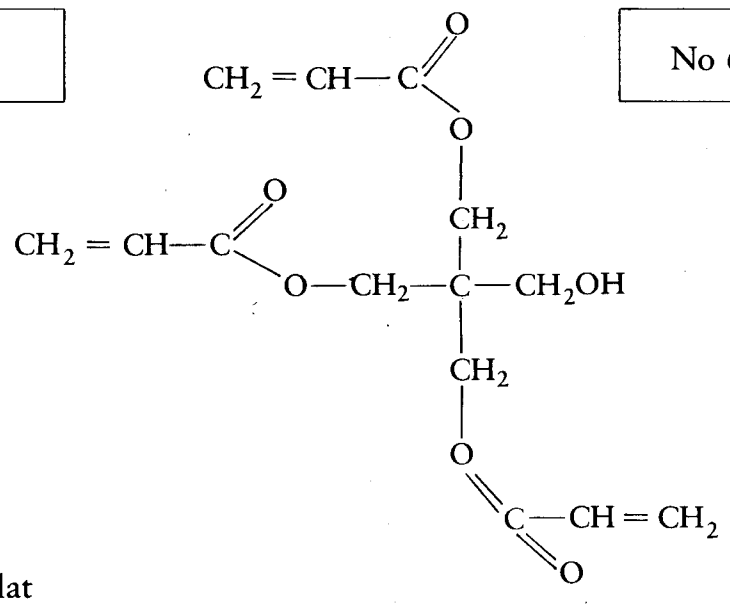


R: 36/38-43

S: 39

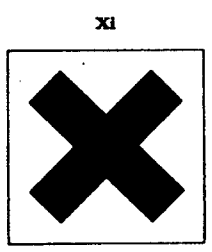
Cas No 3524-68-3

No 607-110-00-3



Nota D

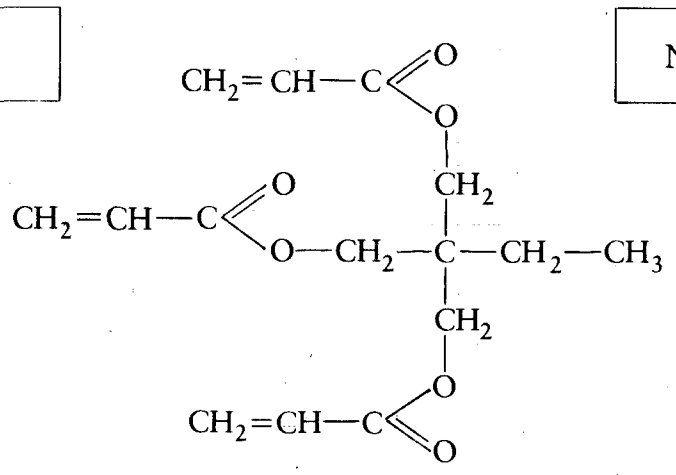
Pentaerythritoltriacrylat
Pentaerythrittriacrylat
Pentaerythritol triacrylate
Diacrylate de 2-(acryloyloxyméthyl)-2-hydroxyméthyl-1,3-propanediyle
(Triacrylate de pentaérythritol)
Pentaeritritol triacrilato
Pentaerythritoltriacrylaat



R: 36/38-43

S: 39

Cas No 15625-89-5



No 607-111-00-9

Nota D

1,1,1-Trihydroxymethylpropyltriacrylat
(Trimethylolpropantriacrylat)

1,1,1-Trihydroxymethylpropyltriacrylat
(Trimethylolpropantriacrylat)

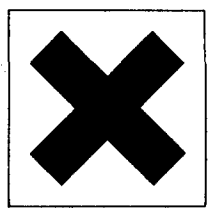
2,2-*Bis*(acryloyloxymethyl)butyl acrylate
(Trimethylolpropane triacrylate)

Diacrylate de 2-(acryloyloxyméthyl)-2-éthyl-1,3-propanediyle
(Triacrylate de triméthylolpropane)

Trimetilolpropan triacrilato

Trimethylolpropaantriacrylaat

xi

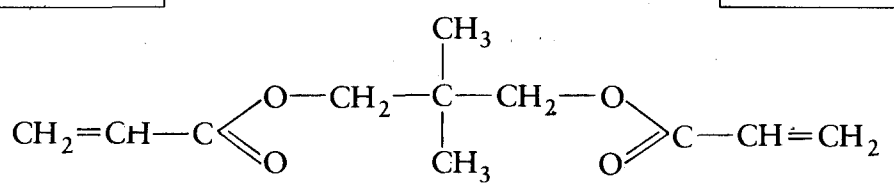


R: 36/38-43

S: 39

Cas No

No 607-112-00-4



Nota D

2,2-Dimethylpropandiol-1,3-diacrylat
(Neopentylglycoldiacrylat)

2,2-Dimethylpropandiol-1,3-diacrylat
(Neopentylglykoldiacrylat)

2,2-Dimethyltrimethylene diacrylate
(Neopentyl glycol diacrylate)

Diacrylate de 2,2-diméthyl-1,3-propanediyle
(Diacrylate de néopentylglycol)

Diacrilato di 2,2-dimetilpropan-1,3-propandiolo

2,2-Dimethylpropaandiol-1,3-diacrylaat
(Neopentylglycoldiacrylaat)

T

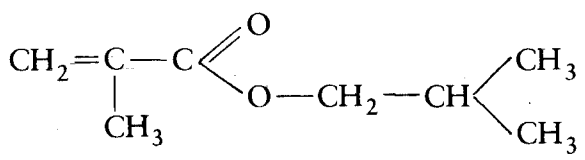


R: 24-36/38-43

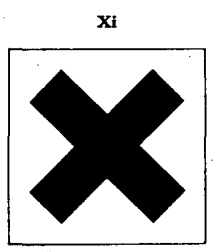
S: 28-39-44

Cas No 97-86-9	No 607-113-00-X

Nota D



Isobutylmethacrylat
2-Methylpropylmethacrylat
Isobutyl methacrylate
Méthacrylate d'isobutyle
Isobutil metacrilato
Isobutylmethacrylaat

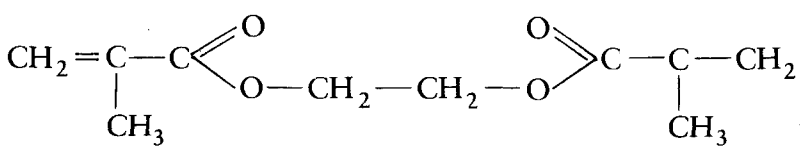


R: 10-36/37/38

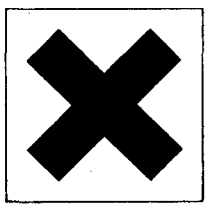
S:

Cas No	No 607-114-00-5

Nota D



Ethandiol-1,2-dimethacrylat
(Ethylenglycoldimethacrylat)
Ethandial-1,2-dimethacrylat
(Ethylenglykoldimethacrylat)
Ethylene dimethacrylate
(Ethylene glycol dimethacrylate)
Diméthacrylate d'éthylène
(Diméthacrylate d'éthylène-glycol)
Etilenglicole dimetacrilato
Dimethacrylaat van ethyleenglycol
Dimethacrylaat van ethaandiol

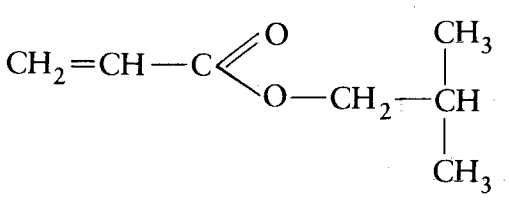


R: 36/37

S:

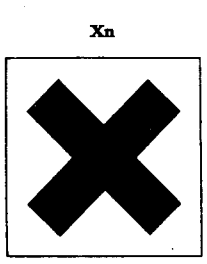
Cas No 106-63-8

No 607-115-00-0



Nota D

Isobutylacrylat
2-Methylpropylacrylat
Isobutyl acrylate
Acrylate d'isobutyle
Isobutile acrilato
Isobutylacrylaat

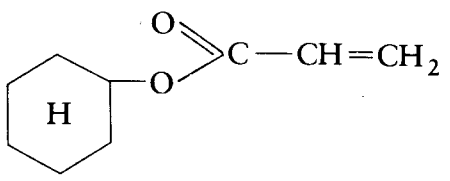


R: 10-20/21-38

S: 9

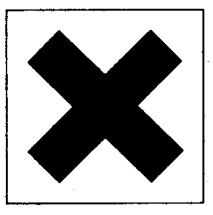
Cas No 3066-71-5

No 607-116-00-6



Nota D

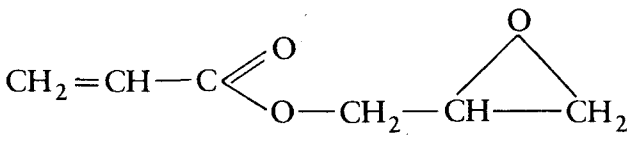
Cyclohexylacrylat
Cyclohexylacrylat
Cyclohexyl acrylate
Acrylate de cyclohexyle
Cicloesile acrilato
Cyclohexylacrylaat



R: 37/38

S:

Cas No 106-90-1	No 607-117-00-1



Nota D

2,3-Epoxypropylacrylat
(Glycidylacrylat)
2,3-Epoxypropylacrylat
(Glycidylacrylat)
2,3-Epoxypropyl acrylate
(Glycidyl acrylate)
Acrylate de 2,3-époxypropyle
(Acrylate de glycidyle)
2,3-Epossipropile acrilato
(Glicidile acrilato)
2,3-Epoxypropylacrylaat
(Glycidylacrylaat)

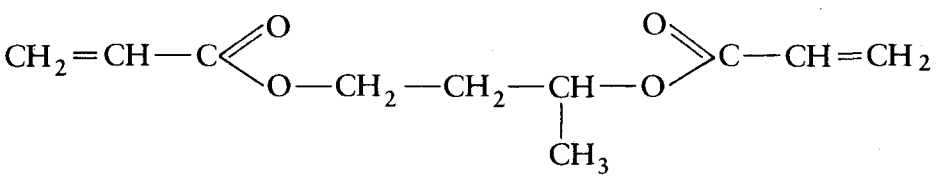
T



R: 23/24/25-34

S: 26-36/37/39-44

Cas No	No 607-118-00-7



Nota D

1,3-Butandioldiacrylat
(1,3-Butylenglycoldiacrylat)
1,3-Butandioldiacrylat
1-Methyltrimethylene diacrylate
(1,3-Butylene glycol diacrylate)
Diacrylate de 1-méthyl-1,3-propanediyle
(Diacrylate de 1,3-butylèneglycol)
1,3-Butandioldiacrilato
Diacrylaat van 1,3-butaandiol

C

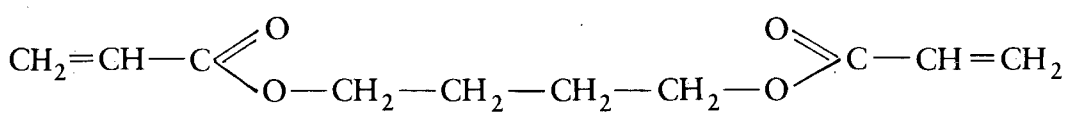


R: 21-34-43

S: 26-36/37/39

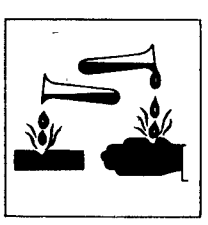
Cas No	No 607-119-00-2

Nota D



1,4-Butandioldiacrylat
1,4-Butylenglycoldiacrylat
1,4-Butandioldiacrylat
Tetramethylene diacrylate
(1,4-Butyleneglycol diacrylate)
Diacrylate de tétraméthylène
(Diacrylate de 1,4-butylèneglycol)
1,4-Butandiol diacrilato
Diacrylaat van 1,4-butaandiol
Diacrylaat van 1,4-butyleenglycol

C

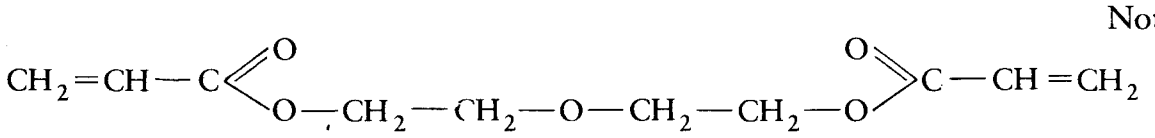


R: 21-34-43

S: 26-36/37/39

Cas No	No 607-120-00-8

Nota D



Diethylenglycoldiacrylat
Diethylenglykoldiacrylat
2,2′-Oxydiethyl diacrylate
(Diethylene glycol diacrylate)
Diacrylate de 2,2′-oxydiéthyle
(Diacrylate de diéthylèneglycol)
Dietileneglicoldiacrilato
Diacrylaat van diethyleenglycol

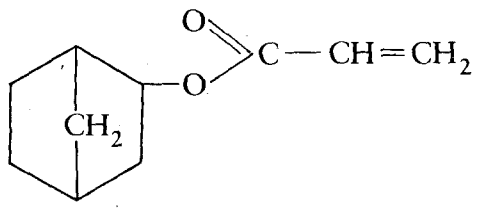
T



R: 24-36/38

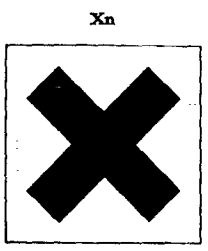
S: 28-39-44

Cas No 10027-06-2	No 607-121-00-3



Nota D

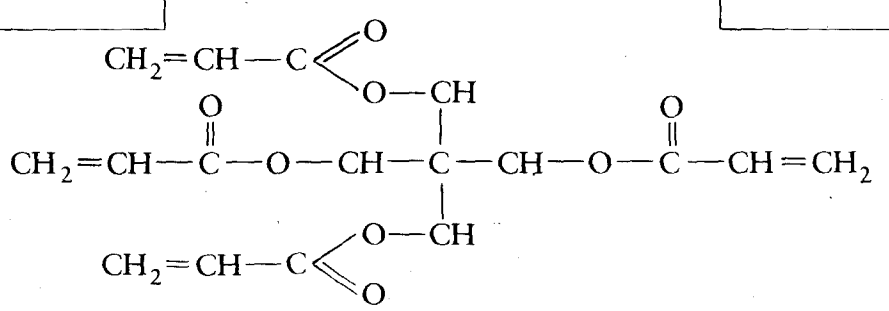
Bicyclo [2,2,1]-2-ylacrylat
(2-Norbornylacrylat)
2-Norbornylacrylat
8,9,10-Trinorborn-2-yl acrylate
Acrylate de 2-norbornyle
2-Norbornilacrilato
2-Norbornylacrylaat



R: 21-38

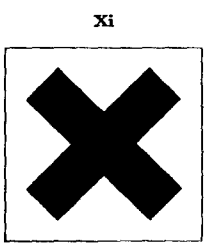
S: 28

Cas No	No 607-122-00-9



Nota D

Pentaerythritoltetraacrylat
Pentaerythrittetraacrylat
Pentaerythritol tetraacrylate
Diacrylate de 2,2-bis(acryloyloxyméthyl)-1,3-propanediyle
(Tétraacrylate de pentaérythritol)
Pentaeritritol tetraacrilato
Pentaerythritoltetraacrylaat

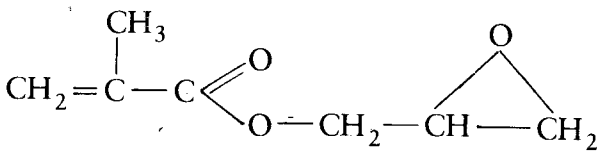


R: 36/38/43

S: 26-39

Cas No 106-91-2

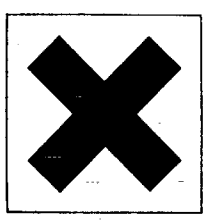
No 607-123-00-4



Nota D

2,3-Epoxypropylmethacrylat
(Glycidylmethacrylat)
2,3-Epoxypropylmethacrylat
(Glycidylmethacrylat)
2,3-Epoxypropyl methacrylate
(Glycidyl methacrylate)
Méthacrylate de 2,3-époxypropyle
(Méthacrylate de glycidyle)
2,3-Epossipropile metacrilato
(Glicidil metacrilato)
2,3-Epoxypropylmethacrylaat
(Glycidylmethacrylaat)

Xn

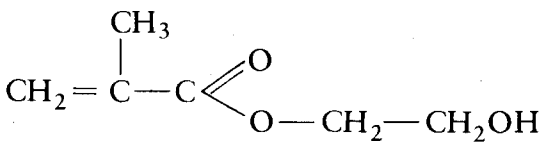


R: 20/21/22-36/38

S: 26-28

Cas No 868-77-9

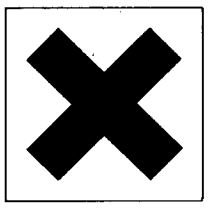
No 607-124-00-X



Nota D

2-Hydroxyethylmethacrylat
2-Hydroxyethylmethacrylat
2-Hydroxyethyl methacrylate
Méthacrylate de 2-hydroxyéthyle
2-Idrossietile metacrilato
2-Hydroxyethylmethacrylaat

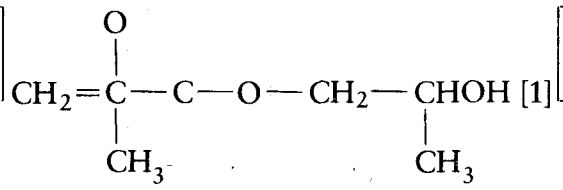
xi



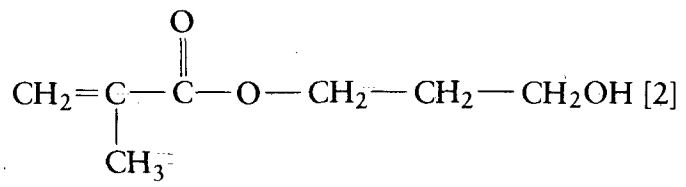
R: 36/38

S: 26-28

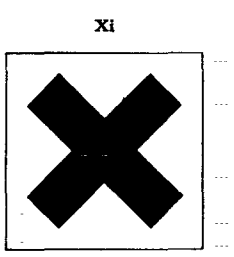
Cas No		No 607-125-00-5



Nota D



Hydroxypropylmethacrylat(Blanding *[1]* og *[2]*)
Hydroxypropylmethacrylat (Mischung *[1]* und *[2]*)
Hydroxypropyl methacrylate (Mixture *[1]* and *[2]*)
Méthacrylate d'hydroxypropyle (Mélange *[1]* et *[2]*)
Idrossipropile metacrilato (Miscela *[1]* e *[2]*)
3-Hydroxypropylmethacrylaat (Mengsel *[1]* en *[2]*)

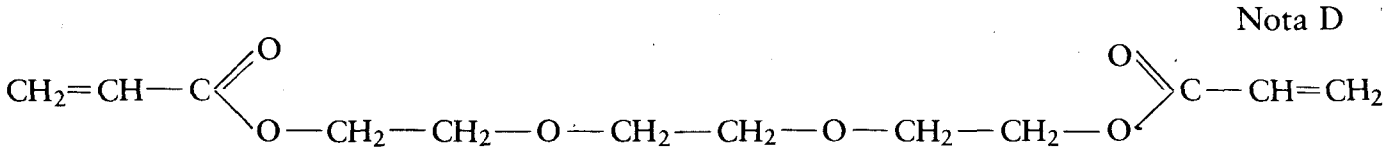


R: 36/38

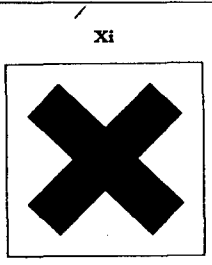
S: 26-28

Cas No	No 607-126-00-0

Nota D



Triethylenglycoldiacrylat
Triethylenglykoldiacrylat
2,2'-(Ethylenedioxy)diethyl diacrylate
(Triethylene glycol diacrylate)
Diacrylate de 2,2'-(éthylènedioxy)diéthyle
(Diacrylate de triéthylène glycol)
Trietilen glicole diacrilato
Diacrylaat van triethyleenglycol

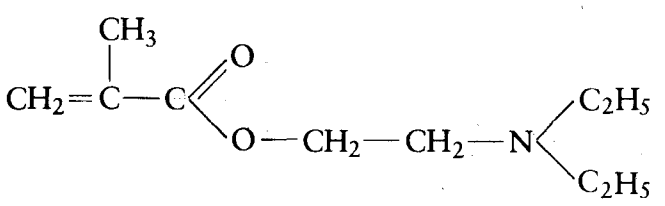


R: 36/38

S: 26-28

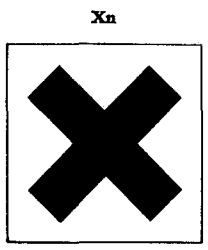
Cas No

No 607-127-00-6



Nota D

2-Diethylaminoethylmethacrylat
2-Diethylaminoethylmethacrylat
2-Diethylaminoethyl methacrylate
Méthacrylate de 2-diéthylaminoéthyle
Metacrilato di 2-dietilamino etile
2-Diethylaminoethylmethacrylaat

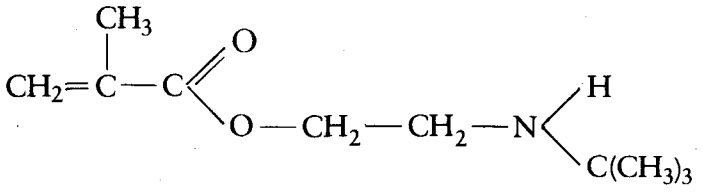


R: 20-36/38

S: 26

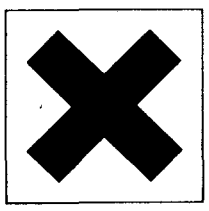
Cas No 3775-90-4

No 607-128-00-1



Nota D

2-*tert*-Butylaminoethylmethacrylat
2-*tert*-Butylaminoethylmethacrylat
2-*tert*-Butylaminoethyl methacrylate
Méthacrylate de 2-*tert*-butylaminoéthyle
2-*tert*-Butilaminoetile metacrilato
2-*tert*-Butylaminoethylmethacrylaat

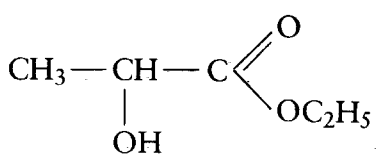


R: 36/38

S: 26

Cas No 97-64-3

No 607-129-00-7



Ethyllactat
Ethyllaktat
Ethyl lactate
Lactate d'éthyle
Etil lattato
Ethyllactaat

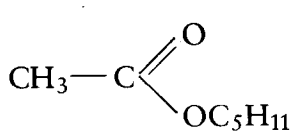
R: 10

S: 23

Cas No 628-63-7

No 607-130-00-2

Nota C



Pentylacetat (Amylacetat)
Pentylacetat (Amylacetat)
Pentyl acetate (Amyl acetate)
Acétate de pentyle (Acétate d'amyle)
Amile acetato
Pentylacetaat (Amylacetaat)

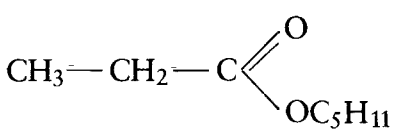
R: 10

S: 23

Cas No 624-54-4

No 607-131-00-8

Nota C



Pentylpropionat (Amylpropionat)
Amylpropionate
Pentyl propionate (Amyl propionate)
Propionate de pentyle (Propionate d'amyle)
Amile propionato
Amylpropionaat

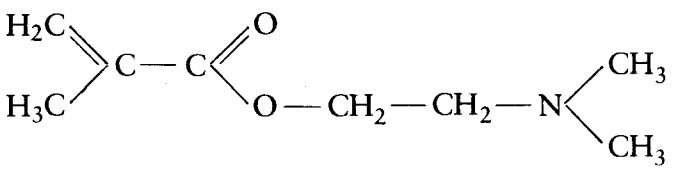
R: 10

S: 23

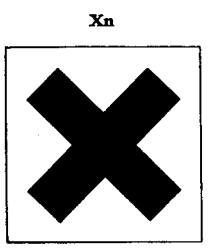
Cas No 2867-47-2

No 607-132-00-3

Nota D



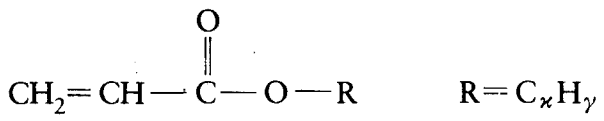
2-Dimethylaminoethylmethacrylat
2-Dimethylaminoethylmethacrylat
2-Dimethylaminoethyl methacrylate
Méthacrylate de 2-diméthylaminoéthyle
2-Dimetilaminoetil metacrilato
2-Dimethylaminoethylmethacrylaat



R: 21/22-36/38

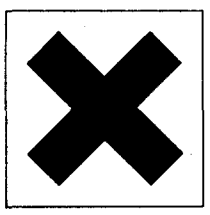
S: 26-28

Cas No	No 607-133-00-9



Acrylater undtagen sådanne nævnt andetsteds i dette bilag
Acrylate mit Ausnahme der namentlich in dieser Anlage bezeichneten
Acrylate with the exception of those specified elsewhere in this Annex
Acrylates à l'exclusion de ceux nommément désignés dans cette annexe
Acrilati esclusi quelli espressamente indicati in questo allegato
Acrylaten met uitzondering van deze met name genoemd in deze bijlage

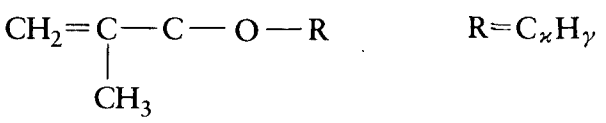
xi



R: 36/37/38

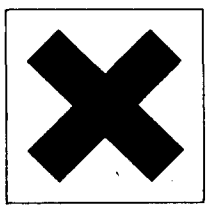
S: 26-28

Cas No	No/607-134-00-4



Methacrylater undtagen sådanne nævnt andetsteds i dette bilag
Methacrylate mit Ausnahme der namentlich in dieser Anlage bezeichneten
Methacrylate with the exception of those specified elsewhere in this Annex
Méthacrylates à l'exclusion de ceux nommément désignés dans cette annexe
Metacrilati esclusi quelli espressamente indicati in questo allegato
Methacrylaten met uitzondering van deze met name genoemd in deze bijlage

xi



R: 36/37/38

S: 26-28

Cas No 109-77-3

No 608-009-00-7

$$CN—CH_2—CN$$

Malonnitril
Malonsäuredinitril
Malononitrile
Malononitrile
Malononitrile
Malonnitril

T



R: 23/24/25

S: 23-27

Cas No 126-98-7

No 608-010-00-2

Nota D

$$CH_2=\underset{\displaystyle CH_3}{\overset{\displaystyle |}{C}}—C\equiv N$$

2-Methyl-2-propennitril (Methacrylnitril)
Methacrylnitril (2-Methyl-2-propennitril)
Methacrylonitrile (2-Methyl-2-propene nitrile)
Méthacrylonitrile
2-Metil-2-propene nitrile (Metacrilonitrile)
2-Methyl-2-propeennitril

F



T

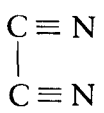


R: 11-23/24/25

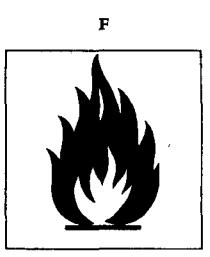
S: 9-16-18-29-45

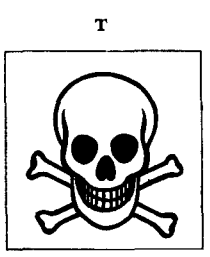
Cas No 460-19-5

No 608-011-00-8



Dicyan
Oxalsäuredinitril (Dicyan)
Cyanogen
Oxalonitrile (Cyanogène)
Cianogeno
Cyanogeen



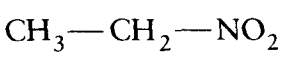


R: 11-23

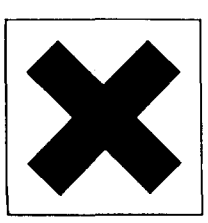
S: 23-44

Cas No 79-24-3

No 609-035-00-1



Nitroethan
Nitroethan
Nitroethane
Nitroéthane
Nitroetano
Nitroethaan

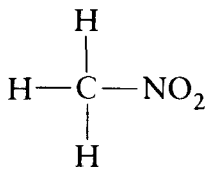


R: 10-20/22

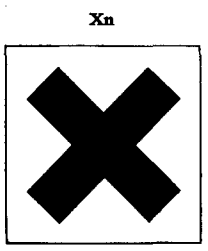
S: 9-25-41

Cas No 75-52-5

No 609-036-00-7



Nitromethan
Nitromethan
Nitromethane
Nitrométhane
Nitrometano
Nitromethaan

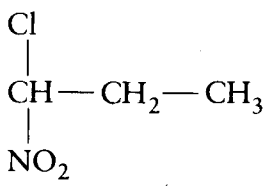


R: 5-10-22

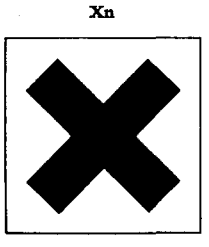
S: 41

Cas No 600-25-9

No 610-007-00-6



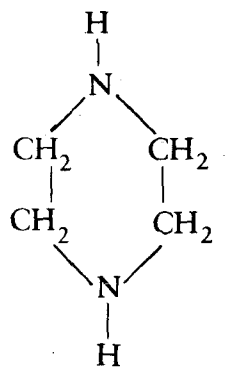
1-Chlor-1-nitropropan
1-Chlor-1-nitropropan
1-Chloro-1-nitropropane
1-Chloro-1-nitropropane
1-Cloro-1-nitropropano
1-Chloor-1-nitropropaan



R: 20/22

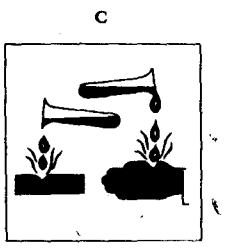
S:

Cas No 110-85-0



No 612-057-00-4

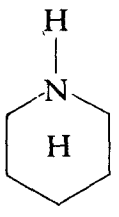
Piperazin
Piperazin
Piperazine
Pipérazine
Piperazina
Piperazine



R: 34

S: 26-36

Cas No 110-89-4



No 613-027-00-3

Piperidin
Piperidin
Piperidine
Pipéridine
Piperidina
Piperidine



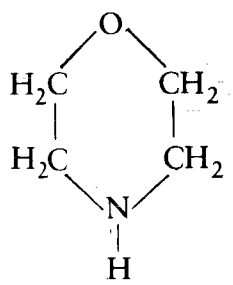


R: 11-23/24-34

S: 16-26-27-44

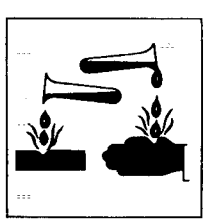
Cas No 110-91-8

No 613-028-00-9



Morpholin
Morpholin
Morpholine
Morpholine
Morfolina
Morfoline

C

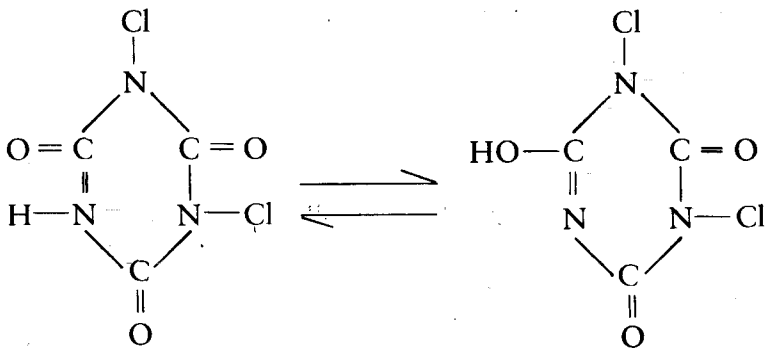


R: 10-20/21/22-34

S: 23-36

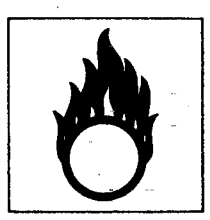
Cas No 2782-57-2

No 613-029-00-4

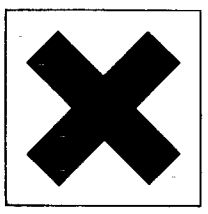


Dichlorisocyanursyre
Dichlorisocyanursäure
(1,3-Dichlor-*5H*-(1,3,5)-triazin-2,4,6-trion)
Dichloroisocyanuric acid (Dichloro-1,3,5-triazinetrione)
1,3-Dichloro-*S*-triazine-2,4,6-trione
(Acide dichloroisocyanurique)
Acido dicloroisocianurico
Dichloorisocyanuurzuur

O



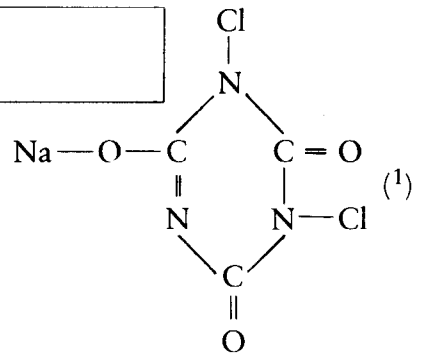
Xn



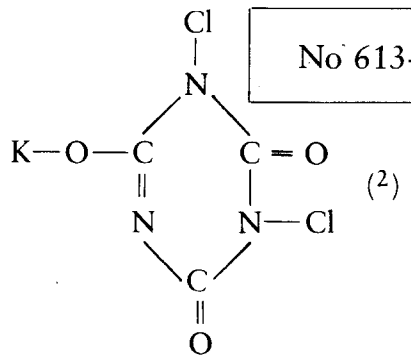
R: 8-22-31-36/37

S: 8-26-41

Cas No



(1)



(2)

No 613-030-00-X

Natriumsalt af dichlorisocyanursyre (1)
Kaliumsalt af dichlorisocyanursyre (2)

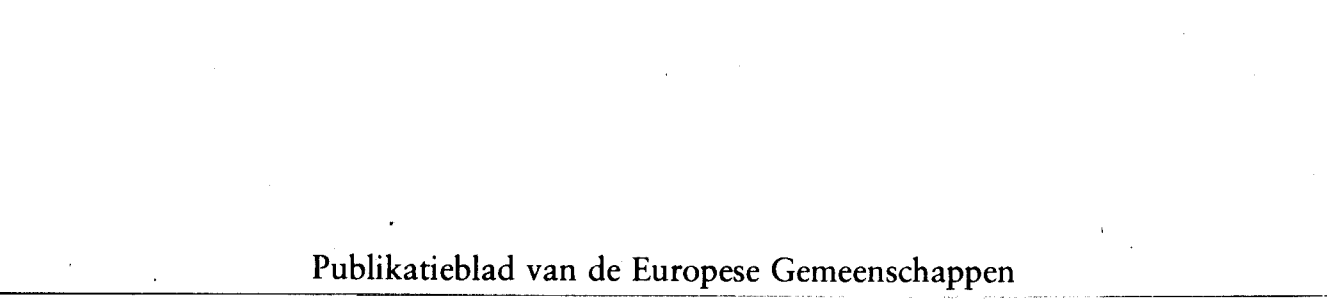
Dichlorisocyanursäure, Natriumsalz (1)
/1,3-Dichlor-5*H*-(1,3,5)-triazin-2,4,6-trion, Natriumsalz/ (1)
Dichlorisocyanursäure, Kaliumsalz (2)
/1,3-Dichlor-5*H*-(1,3,5)-triazin-2,4,6-trion, Kaliumsalz/ (2)

Sodium salt of dichloroisocyanuric acid (1)
(Dichloro-1,3,5-triazinetrione; sodium salt) (1)
Potassium salt of dichloroisocyanuric acid (2)
(Dichloro-1,3,5-triazinetrione; potassium salt) (2)

Sel de sodium de l'acide dichloroisocyanurique (1)
Sel de potassium de l'acide dichloroisocyanurique (2)

Sale di sodio dell'acido dicloroisocianurico (1)
Sale di potassio dell'acido dicloroisocianurico (2)

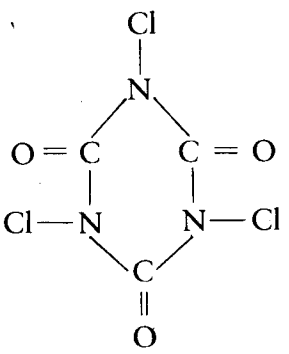
Natriumzout van dichloorisocyanuurzuur (1)
Kaliumzout van dichloorisocyanuurzuur (2)



R: 8-22-31-36/37

S: 8-26-41

Cas No 87-90-1



No 613-031-00-5

Trichlorisocyanursyre

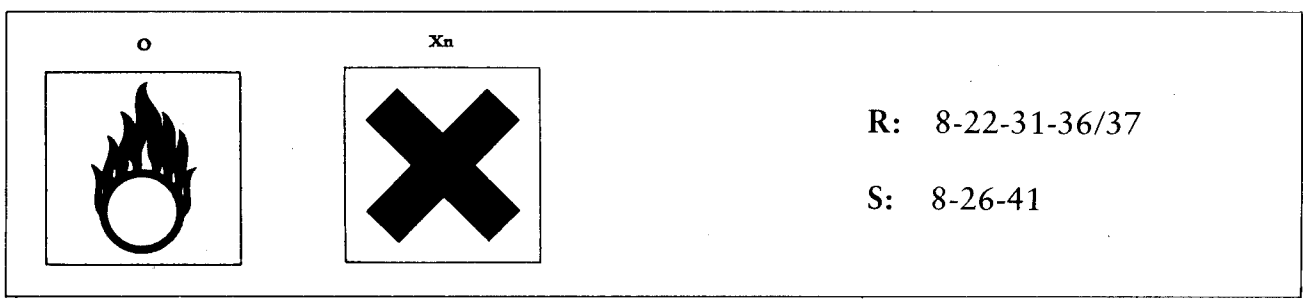
Trichlorisocyanursäure
(1,3,5-Trichlor-1,3,5-triazin-2,4,6-trion)

Trichloroisocyanuric acid
(Trichloro-1,3,5-triazinetrione)

Trichloro-*s*-triazine-2,4,6-trione
(Acide trichloroisocyanurique)

Tricloro-*s*-triazina-2,4,6-trione
(Acido tricloroisocianurico)

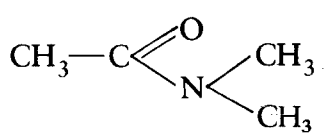
Trichloorisocyanuurzuur



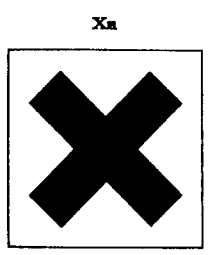
R: 8-22-31-36/37

S: 8-26-41

Cas No 127-19-5	No 616-011-00-4



N,*N*-Dimethylacetamid
N,*N*-Dimethylacetamid
N,*N*-Dimethylacetamide
N,*N*-Diméthylacétamide
N,*N*-Dimetilacetammide
N,*N*-Dimethylaceetamide



R: 20/21-36

S: 26-28-36