



DATE: 03 oktober 2003

Time:

TO: 5.1.2e

PHONE: 5.1.2e

AT: SRE Milieudienst

FAX: 0492 - 58 70 78

FROM: 5.1.2e

PHONE: 5.1.2e 5.1.2e

Bedrijfsleider

FAX: +31(0)492 - 598591

Number of pages including cover sheet: 1

E-Mail: powders@custompowders.nl

Message:

Geachte 5.1.2e

Ik heb geprobeerd u een berichtje per e-mail toe te sturen maar krijg iedere keer een foutmelding dat het adres niet klopt. Kunt u bevestigen wat het juiste adres is? Ik heb gebruikt:

5.1.2e py@milieudienst.src.nl

Het volgende berichtje probeerde ik u te doen toekomen:

Naar aanleiding van uw vragen van hedenmorgen heb ik contact opgenomen met mijn collega in Engeland om uit te zoeken hoe hij uw vragen beantwoord zou hebben. Hij geeft aan dat het waswater wat we opvangen inderdaad niet als afval (waste) omschreven moet worden. Voor ons is het inderdaad een produkt dat we niet meer kunnen gebruiken maar voor onze klanten is het een produkt wat in het algemeen weer kan worden terug gewonnen (recovery). Het best is dan ok om dit washingwater te omschrijven als een sidestream produkt. Het water wat door onze klanten wordt teruggenomen wordt in het algemeen door onze klanten zelf herbewerkt en gezuiverd (recovery). Op onze transport sheets wordt het dan ook aangemerkt als "waterwashings" en niet als afval.

De bedrijven waar wij voor werken zijn zoals gezegd allemaal grote internationale bedrijven zoals DSM / Akzo / Bayer / Hoechst / Albermarle / Dupont etc. Deze bedrijven zijn normaal gesproken allemaal bedrijven die gecommiteerd zijn aan het responsible care systeem en aan de zogenaamde ISO normeringen. U mag dan ook aannemen dat er op een verantwoorde manier met dit bijprodukt wordt omgegaan.

Op onze transport sheets staat aangegeven hoeveel waswater er naar de klanten wordt teruggestuurd en dat zou in principe voldoende moeten zijn als waarborg voor een goede afhandeling.

Ik hoop dat bovenstaande kan bijdragen aan uw discussie met uw collega's over de borgingen die aanwezig moeten zijn om zeker te weten dat dit waswater op de juiste manier wordt afgevoerd.

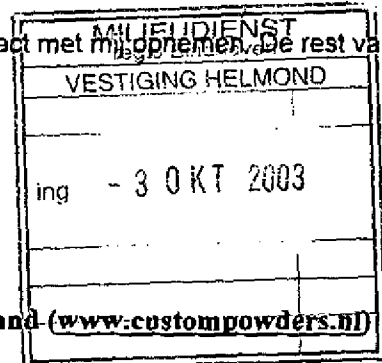
Mocht u hier nog verdere vragen over hebben dan kunt u natuurlijk contact met mij opnemen. De rest van de gevraagde informatie volgt zo snel mogelijk.

Met vriendelijke groeten,

5.1.2e

Bedrijfsleider

Custom Powders B.V. Grasbeemd 10 / 5705 DG Helmond / Nederland (www.custompowders.nl)



Summary of Environmental Assessment of Discharge of Water Washings at Custom Powders during 2001

Company	Material	Risk Rating	Total Quantity Processed in 2001	Number of discharges	Estimated suspended solid in discharge (mg/l)	Estimated water use per cleandown (m3)	Estimated total water discharged (m3)
✓ Akzo	Armeen HT	High	17.7	nil	nil	2	nil
	✓ Albermarle France	Saytex BCL 462	High	98.5	nil	nil	2
✓ Uniqema	Atmer 700	Medium	9.8	1	400	3	3
✓ Akzo	Vitaal Salt	Low	199.8	4	50	3	12
✓ McBrides	STTP830	Medium	217.5	5	200	4	20
✓ Dupont	Teflon MP1600	Medium)	100.7	5	400	2.5	12.5
	Teflon 5069AN	Medium)					
✓ Impextraco	Gran salinomycin Flavophospholipol	Medium	11.7	1	200	2.5	2.5
		Medium	11.7	1	200	2.5	2.5
✓ Albermarle Belgiu	Saytex S9006	Medium	384.0	7	400	2.5	17.5
✓ Campina Melunkie	salt	Low	40.0	1	50	3	3
✓ Purac	PP Fine	Medium	39.7	1	200	3	3
	PP10-12	Medium	20.0	1	200	3	3
✓ Tifomo	salt	Low	33.7	2	50	3	6
✓ Croda	Crodamide ER	Medium	2.0	1	400	3	3
Kemin	Acid lac agg	Medium	0.5	1	200	2	2
FMC	Nilyn	Medium	91.6	2	300	3	6



DATE: 08 oktober 2003

Time:

TO: 5.1.2e
AT: SRE Milicudienst

PHONE: 5.1.2e
FAX: 0492 - 58 70 78

FROM: 5.1.2e
Bedrijfsleider

PHONE: 5.1.2e
FAX: +31(0)492 - 598591

Number of pages including cover sheet: 1

E-Mail: powders@custompowders.nl

Message:

Geachte 5.1.2e

Zoals afgesproken stuur ik u hierbij de lijst toe van producten die wij in 2001 / 2002 bewerkt hebben. Verder heb ik bijgevoegd al de eerste bladzijden van de verschillende MSDS informatie zodat u kunt kijken om wat voor soort producten het gaat.

De eerste twee zijn die waar u speciaal om gevraagd had. Akzo Nobel (Armeen) en BCL-462 (Albemarlc S.A.).

Mocht u hier nog verdere vragen of opmerkingen hebben dan hoor ik graag van u.

Met vriendelijke groeten,

5.1.2e

5.1.2e

Bedrijfsleider

Custom Powders B.V. Grasbeemd 10 / 5705 DG Helmond / Nederland (www.custompowders.nl)

MILICUDIENST regio Eindhoven
VESTIGING HELMOND
ing. - 8 OKT 2003

Summary of Environmental Assessment of Discharge of Water Washings at Custom Powders during 2002

Company	Material	Risk Rating	Total Quantity Processed in 2002 (te)	Number of Discharges	Estimated suspended solid in discharge (mg/l)	Estimated water use per cleandown (m ³)	Estimated total water discharged (m ³)
Akzo Nobel Zout	Vitaal Zout	Low	204,79	2	50	3	6
Dupont	Teflon MP-1600	Medium	149,88	6	200	4	24
	Teflon 5069-AN	Medium					
Tifomo	Zout	Low	18,420	1	50	3	3
Purac Biochem	PP-Fine	Medium	37,420	1	200	3	3
	PP 10-12	Medium	61,730	2	200	3	6
Albemarle SA (Belgium)	Saytex S 9006	Medium	19,992	1	400	2,5	2,5
Henkel (D) (feed-trial)	Urea	Medium	1,5	1	200	3	3
Impextraco (B)	Salinomycine	Medium	2,0	1	400	3	3
{ Albemarle SA (France)	Saytex BCL 462	High	29,708	Nil	Nil	2	Nil
DSM/CIBA (trial)	Melamine Cyanurate	Medium	1,5 T	1	400	3	3

SAFETY DATA SHEET
 According to EC Directive 92/58/EEC
ARMEEN HT PRILLS

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product label name
 Supplier (Hydrogenated tallow)amine
 Akzo Nobel Chemicals bv
 Stationsplein 4
 PO Box 247
 NL-3800 AE Amersfoort
 Tel.: +31-334676767
 +31 870679211 (Fax: +31 570678901)
 Akzo Nobel Chemicals-Deventer-NL
 Emergency telephone +44-1634280886
 Akzo Nobel Chemicals-Gillingham-GB

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is to be considered as a substance in accordance to EC directives
 Information on hazardous ingredients

Chemical description		(Hydrogenated tallow)amine	
Composition / Information on ingredients			
Number	% w/w	CAS number	Chemical name
1	approx. 100	81788-13-2	(Hydrogenated tallow)amine
Number	EC number	Annex-1 number	Symbols
1	262-075-8		XI

Risk phrase(s)
 R39 R41

3. HAZARDS IDENTIFICATION

Irritating to skin.
 Risk of serious damage to eyes.
 Very toxic to aquatic organisms.

4. FIRST AID MEASURES

Symptoms and effects

First aid
 General
 Inhalation
 Skin

Causes injury to the cornea and eyelids. Irritating to skin.

Obtain medical attention immediately (show this Safety Data Sheet).
 Not likely to occur. Seek medical advice after significant exposure.
 Remove immediately all contaminated clothing. Wash skin immediately with 0.5% acetic acid in water, followed by washing with soap and water.
 In case of contact with eyes, wash immediately with 0.5% acetic acid in water for a few minutes, followed by rinsing with plenty of water for as long as possible. Eyelids should be held away from the eyeball to ensure thorough rinsing. Always seek medical attention.
 DO NOT induce vomiting because of risk of aspiration. Seek medical advice. Skin irritation, may be prolonged and serious (e.g. central necrosis). This may be prevented by early treatment with medium strength corticosteroids.

Ingestion
 Advice to physician

ALBEMARLE EUROPE SPRL
RUE DU BOSQUET 9
B-1348 LOUVAIN-LA-NEUVE SUD, BELGIUM
Tel.: +32-10-48.17.11
FAX H&E Dpt: +32-10-48-17-39

MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE
EUROPE INT: +32-2-507-22-64

Date : 04/07/00

Trade Name : SAYTEX BCL-462 FLAME RETARDANT

Chemical Formula : C₈H₁₂Br₄

CAS nr : 3322-93-8

EINECS nr : 222-036-8

EC nr :

Albemarle Code : CP1157

Composition/information on ingredients:

Chemical name

1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane.

Chemical family

Brominated cyclic hydrocarbon.

Hazardous components contained in the preparation:

Other

No component is present at sufficient concentration to require a hazard classification for health in accordance with EC Directives.

Hazards identification:

Symbol

Not regulated under the criteria of Directive 67/548/EC.

R Phrase(s)

S Phrase(s)

VEILIGHEIDSINFORMATIEBLAD

ATMER SA 1753 FD

Conform 93/112/EG en ISO 11014-1

1. Identificatie van het product en het bedrijf

Commerciële omschrijving : ATMER SA 1753 FD Erucamide
 Leverancier : Unichema Chemie B.V.
 Postbus 2
 2800 AA Gouda
 Nederland
 Tel. : 5.1.2e
 Fax : 31 (0) 182 542250
 Telefoonnr. noodgevallen : 31 (0) 182 542911

2. Samenstelling en informatie over de bestanddelen

Stofpreparaat : Stof
 Chemische omschrijving : Velzuuramide
 CAS-nummer : 112-84-5
 EG-nummer : 2040092

3. Gevaren

Risico's voor de gezondheid
 Inademen : Niet van toepassing bij omgevingstemperatuur. Damp kan irritatie veroorzaken.
 Huidcontact : Onwaarschijnlijk dat irritatie optreedt.
 Oogcontact : Kan irritatie veroorzaken.
 Inslikken : Alleen schadelijk bij inslikken van grote hoeveelheden.
 Fysisch/chemische risico's : Niet bekend
 Milieurisico's : Niet bekend

4. Eerste-hulpmaatregelen

Inademen : In de frisse lucht brengen.
 Huidcontact : Afspoelen met overvloedig water en zeep.
 Oogcontact : Uitwassen met water. Roep medische hulp in als de irritatie blijft.
 Inslikken : Product uit de mond verwijderen. Veel water drinken. Roep medische hulp in, indien grote hoeveelheden zijn ingeslikt of zich ziekteverschijnselen voordoen.

5. Brandbestrijdingsmaatregelen

Blusmiddelen : Bluspoeder, waternevel, schuim, kooldioxyde.
 Ongeschikte blusmiddelen : Geen enkele
 Specifieke gevaren : Bij brand worden nitreuze dampen gevormd. ?
 Bescherming van brandweerlieden : Ademhalingsapparaat onafhankelijk van de omgevingslucht, volledig beschermende kleding.


VEILIGHEIDSINFORMATIEBLAD
 overeenkomstig de richtlijn 91/155/EG

MSDS

AK20

code: VL011-KCl SAM

 K+S Veiligheidsinformatieblad
 Datum / laatste bewerking:
 Produktgroep:

 Pagina 1 van 5
 Nr. 359
 01/94
 KALIZOUTEN
1. HANDELSNAAM:
KALIUMCHLORIDE
 (Kaliumchlorid)

COMPANY IDENTIFICATION

 Firma: Kali und Salz GmbH., Postbus 10 20 29, D-34111 Kassel
 Telefoon: (0049) 561 301 0 (centrale)

Inlichtingen bij ongeval: Afd. COU tel: (0049) 561 301 1353 Emergency
 fax: (0049) 561 301 1436 PHON.
 FAX.
2. SAMENSTELLING/INFORMATIE OVER BESTANDDELEN:

COMPOSITION

<u>Chemisch karakter</u>	Kaliumchloride (KCl)
CAS-Nr.:	7447-40-7
EINECS-Nr.:	231-211-8

3. MOGELIJKE RISICO'S:

HAZARD IDENTIFICATION

niet van toepassing, niet karakteriseringsplichtig N.V.

Bijzondere aanwijzingen: niet van toepassing N.V.

4. MAATREGELEN BIJ EERSTE HULP:

FIRST AID MEASURES

Kontak met de huid: SKIN	met water afspoelen	Wash skin with +
Kontak met de ogen: EYES	opengetrokken oogleden met water uitspoelen	Wash out with plenty of H.
Na inslikken: INGESTION	slachtoffer alleen bij bewustzijn laten braken en een arts raadplegen	

 PRODUCE VOMITING ONLY WHEN VICTIM
 IS CONSCIOUS.

The MSDS format adheres to U.S. standards and regulatory requirements and may not meet regulatory requirements in other countries.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience are gained.

"ZONYL" FLUOROADDITIVES ALL IN SYNONYM LIST ZON003

ZON003

Revised 26-AUG-1999

Printed 12-JUL-2001

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"ZONYL" is a registered trademark of DuPont.

Corporate MSDS Number : DU007110

Tradenames and Synonyms

MP1500J,
MP1600N

Company Identification

MANUFACTURER/DISTRIBUTOR
DUPONT FLUOROPRODUCTS
1007 MARKET STREET
WILMINGTON, DE 5.12e

PHONE NUMBERS

Product Information : 1-(800)441-7515
Transport Emergency : 1-(800)424-9300
Medical Emergency : 1-(800)441-3637

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material

CAS Number §

The MSDS format adheres to U.S. standards and regulatory requirements and may not meet regulatory requirements in other countries.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience are gained.

"ZONYL" FLUOROADDITIVES ALL IN SYNONYM LIST ZON002

CEF2N002

Revised 30-NOV-1999

Printed 12-JUL-2001

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

Corporate MSDS Number : DU007109

Tradenames and Synonyms

ZONYL(R) is a registered trademark of E.I. du Pont de Nemours and Company. DuPont Canada Inc. is a licensee.
"ZONYL" MP1000, MP1050, MP1100, MP1150, MP1200,
"ZONYL" MP1200CG, MP1300, MP1400,
"ZONYL" TE3757, TE3776, TE3792, TE3807D, TE3808, #
"ZONYL" TE5069A-N, TE6386

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Canada, Inc.
P.O. Box 2200
Streetsville
Mississauga, Ontario L5M 2H3

PHONE NUMBERS

Product Information : 1-800-387-2122
Transport Emergency : 1-613-348-3616 (24 HOURS)
Medical Emergency : 1-613-348-3616 (24 HOURS)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
<u>POLYTETRAFLUOROETHYLENE</u>	9002-81-0	99-100 %

Small amounts may be present in closed containers; additional amounts may be liberated upon heating:

HYDROGEN FLUORIDE	7664-39-3	<0.05 %
CARBONYL FLUORIDE	353-50-4	<0.05 %

Components (Remarks)

Material is not known to contain Toxic Chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

HAZARDS IDENTIFICATION

Potential Health Effects

ADDITIONAL HEALTH EFFECTS

Before using read the Fluoropolymers Safe Handling Guide published by The Society of the Plastics Industry.

The fluoroadditives in this MSDS may contain small amounts of hydrogen fluoride and carbonyl fluoride, and additional amounts may be liberated upon heating, especially in the presence of moisture. The primary hazard associated with these polymers is the inhalation of fumes from overheating or burning, which may cause "polymer fume fever" (see HUMAN HEALTH EFFECTS below).

POLYTETRAFLUOROETHYLENE (PTFE) Inhalation of PTFE dust may cause generalized irritation of the nose, throat and lungs with cough, difficulty breathing or shortness of breath.

Heating PTFE above 300 degrees C may liberate a fine particulate fume. Inhalation may produce polymer fume fever, a temporary flu-like condition with fever, chills, nausea, shortness of breath, chest tightness, muscle or joint ache, and sometimes cough and elevated white blood cell count. The symptoms are often delayed 4 to 24 hours after exposure. These signs are generally temporary, lasting 24-48 hours and resolve without further complications. However, some individuals with repeated episodes of polymer fume fever have reported persistent pulmonary effects. Protection against polymer fume fever should also provide protection against any potential chronic effects.

Exposure to decomposition products from PTFE heated above 400 degrees C may cause pulmonary inflammation, hemorrhage or edema. These more serious consequences of exposure may occur from extreme thermal decomposition of PTFE which can liberate fume particles, and toxic gases (carbonyl fluoride, hydrogen fluoride, and other

**IMPEXTRACO**
FEED INGREDIENTS FOR YOUR SUCCESS**MATERIAL SAFETY DATA SHEET****- Flavophospholipol 8% -**

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Product name	: Flavimpex 80 ⁽¹⁾ , Flavimpex 80 Ci ⁽¹⁾ , Flavomycin 80
Product reference	: D04-3021/23
Manufacturer ⁽¹⁾	: Impextraco N.V.
Supplier	: Impextraco N.V.
Address	: Wiekevorstsesteenweg 38, 2220 Heist-op-den-berg, Belgium
Telephone number	: ++32/15/22.24.25
Fax number	: ++32/15/22.24.24
Product use	: Antibiotic and growth promoter
2 COMPOSITION / INFORMATION ON INGREDIENTS	
Chemical name	: Flavophospholipol, bambamycin, moenomycin
Chemical formula	: C ₆₉ H ₁₀₇ N ₄ O ₃₅ P
CAS-Number	: 11015-37-5
3 HAZARD IDENTIFICATION	
Fire and explosion	: Autoignition temperature > 180°C after prolonged heating
4 FIRST-AID MEASURES	
Eyes	: Rinse thoroughly with water.
Skin	: Wash skin immediately with plenty of water and soap.
5 FIRE FIGHTING MEASURES	
extinguishing media	: Water
6 ACCIDENTAL RELEASE MEASURES	
Personal precautions	: Use personal protective equipment listed in section 8.
Environmental precautions	: Prevent contamination of non-medicated animal feeds. Do not allow access to animals, birds or wildlife.
Methods for cleaning up	: Take up spilled product with suitable equipment.
7 HANDLING AND STORAGE	
Handling	: Handle in accordance with good industrial hygiene and safety practice. Avoid direct contact with skin. When mixing with feed, ensure adequate ventilation or provide suitable dust extraction.
Storage	: Keep in a cool, dry place. Keep container tightly closed. Keep out of the reach of children.
8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
Hand protection	: Gloves
Skin protection	: Protecting clothing.
Specific hygiene measures	: Keep the place of work clean. Avoid direct contact with the product. Use with adequate dust control. Wash contaminated clothing after handling product.

New Material.

ALBEMARLE EUROPE SPRL
RUE DU BOSQUET 9
B-1348 LOUVAIN-LA-NEUVE SUD, BELGIUM
Tel.: +32-10-48.17.11
FAX H&E Dpt: +32-10-48-17-39

MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE
EUROPE INT: +32-2-507-22-64

Date : 20/05/99

TRADE NAME : SAYTEX HIP-900 FLAME RETARDANT

Chemical Formula : C12-H18-Br6

CAS nr : 3194-55-6

EINECS nr : 221-695-9

EC nr :

Albemarle Code : CPI276

Composition/information on ingredients:

Chemical name

1,2,5,6,9,10-Hexabromocyclododecane.

Chemical family

Brominated aliphatic hydrocarbon.

Hazards identification:

Symbol

Not regulated under the criteria of Directive 67/548/EC.

First-aid measures:

Eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin

After contact with skin, wash immediately with plenty of soap and water.

Ingestion

Give 500 ml water to drink.

Inhalation

Remove to fresh air.

15:46 FROM NKIN BTERSFOORT

10

16828742443938 P.03



VEILIGHEIDSINFORMATIEBLAD

overeenkomstig de richtlijn 91/155/EG

MSDS

TiFomo

U

code: VLGII-KCl SAM

K+S Veiligheidsinformatieblad

Datum / laatste bewerking:

Produktgroep:

Pagina 1 van 5

Nr. 359

01/94

KALIZOUTEN

1. HANDELSNAAM:

KALIUMCHLORIDE
(Kaliumchlorid)

company identification

Firma: Kali und Salz GmbH., Postbus 10 20 29, D-34111 Kassel

Telefoon: (0049) 561 301 0 (centrale)

Inlichtingen bij ongeval: Afd. COU

tel: (0049) 561 301 1353

fax: (0049) 561 301 1436

EMERGENCY

PHONE
FAX

2. SAMENSTELLING/INFORMATIE OVER BESTANDDELEN:

composition

Chemisch karakter

Kaliumchloride (KCl)

CAS-Nr.:

7447-40-7

EINECS-Nr.:

231-211-8



VEILIGHEIDSINFORMATIEBLAD volgens EG-Richtlijn 93/112/EEG

SALT, FOOD GRADE

1. IDENTIFICATIE VAN DE STOF OF HET PREPARAAT EN VAN DE VENNOOTSCHAP/ONDERNEMING

Chemische identiteit Sodium chloride (NaCl)
 Leverancier Akzo Nobel Chemicals bv Stationsplein 4 PO BOX 247 3800 AE
 Amersfoort-NL Tel.: +31-33676767
 Telefoon in noodsituaties +31-570079211 Akzo Nobel Chemicals-Deventer-NL.

2. SAMENSTELLING EN INFORMATIE OVER DE BESTANDDELEN

Dit product is te beschouwen als een stof in overeenstemming met EG-richtlijnen

Chemische beschrijving Sodium chloride (NaCl)

Samenstelling/informatie over de bestanddelen

Nummer	% w/w ongeveer 100	CAS-nummer	Chemische naam	Waarschuwingzinnen
1		7647-14-5	Sodium chloride	
Nummer	EG-nummer	Annex-1 nummer	Symbol(en)	Waarschuwingzinnen
1	2315983	geen	geen	geen

3. RISICO'S

Niet als gevaarlijk geclassificeerd volgens de EG-Richtlijn voor Gevaarlijke Stoffen en de EG-Richtlijn voor Gevaarlijke Preparaten.

4. EERSTE-HULP MAATREGELEN

Symptomen en effecten Irriterend voor de ogen

Eerste hulp

Algemeen

Inademing niet van toepassing

Huid Spoelen met water.

Oog Spoel grondig met veel water. Vraag geneeskundig advies indien irritatie optreedt.

Inslippen Wek na overmatige opname braken op.

Advies aan de arts Geen specifieke aanbevelingen.

5. BRANDBESTRIJDINGSMAATREGELEN

Ti Femo
III

ZELIGHEIDSINFORMATIEBLAD
Volgens EG-Richtlijn 93/112/EEG
SALT, AGRICULTURAL GRADE

1. IDENTIFICATIE VAN DE STOF OF HET PREPARAAT EN VAN DE VENNOOTSCHAP/ONDERNEMING

Chemische identiteit	<u>Sodium Chloride</u>
Leverancier	Akzo Nobel Chemicals bv Stationsplein 4 PO BOX 247 3800 AE Amersfoort-NL Tel.: +31-334876767
Telefoon in noodsituaties	+ 31 570679211 (Fax. +31 570679201) Akzo Nobel Chemicals-Deventer-NL.

2. SAMENSTELLING EN INFORMATIE OVER DE BESTANDDELEN

Dit product is te beschouwen als een stof in overeenstemming met EG-richtlijnen

Informatie over gevaarlijke bestanddelen

Chemische beschrijving Sodium Chloride

Samenstelling/informatie over de bestanddelen

Nummer	% w/w	CAS-nummer	Chemische naam	
1	99,7	7647-14-5	Sodium chloride	
Nummer	Annex-1 nummer	EG-nummer	Symbo(n)(l)(en)	Waarschuwingssinnen
1	geen	231-598-3	geen	geen

RISICO'S

Niet als gevaarlijk geclassificeerd volgens de EG-Richtlijn voor Gevaarlijke Stoffen en de EG-Richtlijn voor Gevaarlijke Preparaten.

4. EERSTE-HULP MAATREGELEN

Symptomen en effecten	Iriterend voor de ogen
Eerste hulp	
Inademing	Niet van toepassing
Huid	Spoelen met water.
Oog	Spoel grondig met veel water. Vraag geneeskundig advies indien irritatie optreedt.
Inslukken	Wek na overmatige opname braken op.
Advies aan de arts	Geen specifieke aanbevelingen.

Bead

IDENTIFICATION OF THE
SUBSTANCE/PREPARATION AND OF THE
COMPANY/UNDERTAKING**CRODA**

Croda Universal Limited
Oak Road
Clough Road
HULL
East Yorkshire
HU6 7PH
England

Emergency Telephone:
+44 (0) 1482 443181

SAFETY DATA SHEET

PRODUCT NAME : Crodamide ER Bead

PRODUCT CODE : DC08311

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	EC No.	Weight%	Symbols	R Phrases
cis-13-Docosenamido	112-84-5	204-009-2	100		

3 HAZARDS IDENTIFICATION

Not Classified

4 FIRST-AID MEASURES

CONTACT WITH SKIN

CONTACT WITH EYES

- If substance has got into eyes, immediately wash out with plenty of water
- Seek medical attention if irritation persists

INGESTION

- Do not induce vomiting
- Give water or milk to drink

INHALATION

- Inhalation is unlikely to occur

MATERIAL SAFETY DATA SHEET

Nilyn™ XL 50D

MSDS Ref. No: F17-88-9
Version: Global
Date Approved: 07/06/1998
Revision No: New MSDS

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200; the EU Directive, 91/155/EEC and other regulatory requirements.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Nilyn™ XL 50D
CHEMICAL FAMILY: Cellulose Derivative
MOLECULAR FORMULA: $[C_6H_7O_2(OH)_z(OCH_2COONa)_w(OCH_2COOH)_y(OCH_2COO)]_x$

Product LX16

SYNONYM(S): Internally Cross-linked Sodium Carboxymethylcellulose
GENERAL USE: Disintegrant/Dispersant for Industrial use

FMC CORPORATION
Pharmaceutical Division
1735 Market Street
Philadelphia, PA 19103 USA
General Information: (215) 299-6000
FMC EUROPE NV
Pharmaceutical Division
Avenue Louise 480-B9
1050 Brussels, Belgium
General Information: 32 2 645 5511 (Brussels)
Customer Service: 353 21 354 133 (Cork, Ireland)
Emergency Phone: 01 (303) 595-9048
(USA - Medical)
Customer Service: 01 (800) 362-3773
(USA - Plant, Newark DE)

Emergency Telephone Numbers:

Emergency Phone (303) 595-9048
(Medical)
Emergency Phone (302) 451-0100 (Plant - Newark, DE)
CHEMTREC (800) 424-9300 (U.S.A. & Canada)
(202) 453-7616 (All other countries)

2. COMPOSITION / INFORMATION ON INGREDIENTS



MATERIAL SAFETY DATA SHEET

Supplier Information

Manufacturer: SASKFERCO PRODUCTS INC.
 P.O. Box 39
 Belle Plaine, Saskatchewan
 S0G 0G0
 Telephone 5.1.2e
 Fax (306) 345-2353

Issue Date: *January 2001*

Section I Product Identification

Material Name Identifier: Urea
 Synonyms: Urea, Carbamide, Carbonyldiamide
 Chemical Family: Not applicable
 Molecular Formula: NH₂, CONH₂, or CH₄N₂O
 Product Use: Fertilizer
 Grades or Purity: Technical, CP, fertilizer (45 to 46%N), feed grade (= 42%N)
 Containers and Materials: Bulk, Trucks, Train

Regulatory Section

Controlled Products Regulations Classifications.....Not regulated
 OSHA Hazard Communication (29CFR 1910.1200) Classification.....Not regulated
 Canadian TDG Act Shipping Description Shipping Name.....Not regulated
 U.S. DOT Classification.....Not regulated

* Read the entire MSDS for the complete hazard evaluation of this product.

Section II Hazardous Ingredients

Hazardous Ingredients: None according to Controlled Products Regulations
 Urea: 100% (CAS #57-13-6)
 ACGIH TLV: None

Mc Brudes

SAFETY DATA SHEET

Issued: 98-04-02 Internal num.: DHL 98.E26A Page 1 (4)

Sodium Tripolyphosphate

Approved for use. Approved for lab. use only.

PRODUCT AND COMPANY

TRADE NAME	: Sodium Tripolyphosphate
CHEM. NAME	: Sodium Tripolyphosphate
SYNONYMS	: STPP, TPP, Tripolyphosphate, Pentasodium triphosphate
ECC-no.	: 231-838-7
CAS-no	: 7758-29-4
FORMULA	: Na ₅ P ₃ O ₁₀
APPLICATION	: Builder for synthetic and automatic dishwashing detergents and cleansers

COMPANY:	Kemira Kemi AB
ADDRESS	: Box 902
POST ADDRESS	: SE-251 09 HELSINGBORG
PHONE	: 5.1.2e
TELEFAX	: +46-42-17 14 00, +46-42-17 18 70
ISSUED BY	: Chemidet - Marketing department
RESPONSIBLE	: Chemidet - Marketing department

COMPOSITION OF PRODUCT

No:	Name:	CAS-no:	Contc. (w%)	Classif.
1	Sodium Tripolyphosphate	7758-29-4	99.97 %	R37/37/38
2	Sodium Pyrophosphate	7722-88-9		

Legend: T=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi-Irritant, I=No classification required, E=Explosive, O=Oxidising, F+ -Extremely flammable, F=Very flammable, Fo=Flammable, N=Dang. to the environment, Mut-Genotoxic, Sen= Sensitizing, Carc= Carcinogen, Rep= Causes birth defects.

HAZARDOUS INFORMATION

Main Risks: May cause irritation to skin, eyes, nose and respiratory tract.



FIRST AID

- INHALATION**
Fresh air. Administer artificial respiration if necessary.
- SKIN CONTACT**
Flush the skin with plenty of water.
- EYE CONTACT**
Flush immediately with plenty of water. Keep eyes wide open. Seek medical advice if symptoms persist.
- INGESTION**
If person is conscious give immediately two or more glasses of water or milk. Get medical attention!

POLYTETRAFLUOROETHYLENE

9002-84-0 100

Heated above 400 deg C (750 deg F) can evolve as degradation products:

Hydrogen Fluoride	7664-39-3	<1
Carbonyl Fluoride	353-50-4	<1

Components (Remarks)

Material is not known to contain Toxic Chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

HAZARDS IDENTIFICATION

Potential Health Effects

ADDITIONAL HEALTH EFFECTS

Before using read the Fluoropolymers Safe Handling Guide published by The Society of the Plastics Industry.

The primary hazard associated with these polymers is the inhalation of fumes from overheating or burning, which may cause "polymer fume fever" (see HUMAN HEALTH EFFECTS below).

POLYTETRAFLUOROETHYLENE (PTFE)

Inhalation of PTFE dust may cause irritation of the nose, throat and lungs with cough, difficulty breathing or shortness of breath. Inhalation of fumes from overheating PTFE may cause polymer fume fever, a temporary flu-like illness with fever, chills, and sometimes cough, of approximately 24 hours duration. There are some reports in the literature of persistent pulmonary effects in individuals, especially smokers, who have repeated episodes of polymer fume fever. Because of complicating factors, such as mixed exposures and smoking history, these findings are uncertain. Protection against acute exposure should also provide protection against any potential chronic effects. Smokers should avoid contamination of tobacco products, and should wash their hands before smoking.

Significant skin permeation, and systemic toxicity, after contact appears unlikely. There are no reports of human sensitization.

If particles of Polytetrafluoroethylene contact the eye, mechanical irritation with tearing, pain or blurred vision may result.

Individuals with pre-existing diseases of the lungs may have increased susceptibility to the toxicity of excessive exposures from thermal decomposition products.

Carcinogenicity Information

MATERIAL SAFETY DATA SHEET

- Salinomycin sodium 12% -


13. DISPOSAL CONSIDERATIONS

Product : In accordance with current regulations, the product may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.
 Uncleaned packaging : Packaging that cannot be cleaned should be disposed of as product waste.

14. TRANSPORT INFORMATION

ADR/RID/ADNR : Non-hazardous goods
 IMDG : Non-hazardous goods
 GGVS : Non-hazardous goods
 GGVE : Non-hazardous goods
 ICAO/IATA-DGR : Non-hazardous goods
 Dispatch by post : permitted.

15. REGULATORY INFORMATION

Labelling : Xn

 : harmful
 R phrases : 21/22 (Harmful in contact with skin and if swallowed)
 36/38 (Irritating to eyes and skin)
 S phrases : 20/21 (When using do not eat, drink or smoke)
 22 (Do not breathe dust)
 25 (Avoid contact with eyes)
 46 (If swallowed, seek medical advice immediately and show this container or label)

16. OTHER INFORMATION

Homogenize the product in the animal feed.
 Do not feed horses and other equides.
 Do not give together with Tiamulin.

The information in this material safety data sheet is to the best of our knowledge true and accurate, but all instructions, recommendations or suggestions are made without guarantee.

15:46 FROM NKIM AMERSFOORT


VEILIGHEIDSINFORMATIEBLAD
 overeenkomstig de richtlijn 91/155/EG

MSDS

Tifomo
II

code: VL00-KCl SAM

 K+S Veiligheidsinformatieblad
 Datum / laatste bewerking:
 Produktgroep:

 Pagina 1 van 5
 Nr. 359
 01/94
 KALIZOUTEN
1. HANDELSNAAM:
KALIUMCHLORIDE
 (Kaliumchlorid)

COMPANY IDENTIFICATION

 Firma: Kali und Salz GmbH., Postbus 10 20 29, D-34111 Kassel
 Telefoon: (0049) 561 301 0 (centrale)

Inlichtingen bij ongeval: Afd. COU tel: (0049) 561 301 1353 EMERGENCY
 fax: (0049) 561 301 1436 PHON
 FAX.
2. SAMENSTELLING/INFORMATIE OVER BESTANDDELEN:

<u>Chemisch karakter</u>	Kaliumchloride (KCl)
CAS-Nr.:	7447-40-7
EINECS-Nr.:	231-211-8

composition

3. MOGELIJKE RISICO'S:

HAZARD IDENTIFICATION

niet van toepassing, niet karakteriseringsplichtig N.A.

Bijzondere aanwijzingen: niet van toepassing N.A.

4. MAATREGELEN BIJ EERSTE HULP:

FIRST AID MEASURES

Kontak met de huid: Kontak met de ogen: Na inslikken:	met water afspoelen opengetrokken oogleden met water uitspoelen slachtoffer alleen bij bewustzijn laten braken en een arts raadplegen
SKIN EYES INGESTION	WASH SKIN WITH WASH OUT WITH PLENTY OF H ₂ O

 PRODUCE VOMITING ONLY WHEN VICTIM
 IS CONSCIOUS.



MATERIAL SAFETY DATA SHEET

Kemin Europa N.V.
 Industriezone Wolfstele, Toekomstlaan 42
 2200 Herentals, Belgium
 Tel: +32 14 28.82.00 Fax: +32 14 22.41.76
 www.kemin.com

ACID LAC DRY

Kemin - concol II

140070

www.kemin.com



Irritant

Producer
 KEMIN Europa nv
 Toekomstlaan 42
 Industriezone Wolfstele
 B-2200 Herentals Belgium
 TEL : Int-32-14-28.82.00

1. Identification of the product

BC Identification of the product : Acidifier.
 Type of product : Powder.
 Use : See product information sheet for detailed information.

2. Information on ingredients

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr / EC nr / EC annex nr	Symbol(s)	R-Phrase(s)
Fumaric acid		000110-17-8 / 203-745-0 / 607-146-00-X	Xn	36

3. Hazards identification

Risk Phrases	: Irritating to eyes.
- Inhalation	: Dust from this product, if present, may cause respiratory irritation following an excessive inhalation exposure.
- Skin contact	: May produce skin irritation.
- Eye contact	: Severe eye irritant.
- Ingestion	

4. First aid measures

First aid	
- Inhalation	: Remove victim to fresh air.
- Skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion	: Seek medical advice.

5. Fire - fighting measures

Extinguishing media	: Powder, Carbon dioxide, Foam.
Special exposure hazards	
Special procedures	: Exercise caution when fighting any chemical fire.

Kemin - compound I

⑤



SAFETY DATA SHEET

EC 93/112

REF. SD0010/9
PAGE 5 of 6

PRINT DATE 08-08-99 10.37
REVISION DATE 06/05/99

Product name L(+)-Lactic Acid, PURAC®

Product code 0001 - 0708

13. DISPOSAL CONSIDERATIONS

Waste from residues / Unused products
Can be disposed as waste water, when in compliance with local regulations.
Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging
Clean container with water.
Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

According to National equivalent of EC-Dir. 67/548, as amended, the product is labelled as follows:

Symbols Xi - Irritant

R-Phrases R41 - Risk of serious damage to eyes.
R38 - Irritating to skin.

S-Phrases S24 - Avoid contact with skin.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 - Wear suitable gloves and eye/face protection.

EEC Food additive: E 270 USA FDA/GRAS Status.

16. OTHER INFORMATION

Further information on the safety assessment of lactic acid and its salts can be obtained in a OFA Report of June 6th 1997.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process.

11:43 FROM AKZO NOBEL HENGELO TO
11:03 FAX +31 333 651205 NEDMAG INDUSTRIES B.V.

00492598591 P.07



TiFano - 3 copies

1

Carnalliet

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Chemical identity:
Magnesium/Potassium Chloride - $KCl \cdot MgCl_2 \cdot 5H_2O$

1.2 Other names:
Carnallite

1.3 Common name:
Carnallite

1.4 Registration numbers:
Carnallite CAS 1318-27-0

1.5 Supplier:
NEDMAG INDUSTRIES Mining & Manufacturing B.V.
Billitonweg 1
9641 KZ Veendam - The Netherlands
PO Box 241
9640 AE Veendam - The Netherlands
Tel: (31)598-651911 / Fax: (31)598-651205

1.6 Emergency telephone:
5.1.2e

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Composition:

Component	wt%
KCl	28.3
MgCl ₂	37.5
MgSO ₄	0.1
H ₂ O	35.0

2.2 Information on Ingredients:
Not applicable



NEDMAG INDUSTRIES Mining & Manufacturing B.V.
P.O. Box 241 | Billitonweg 1 | 9640 AE Veendam, The Netherlands
Tel: +31 5987 51911 Telax: 77367 Fax: +31 5987 51205
Trade register, Groningen 322491, VAT no. NL 004927084B01



Safety Data Sheet
Conforms to ISO/DIS 11014 and 91/155/EEC

melapur[®] MC
Melamine cyanurate

Issue date: March 10th 1997
Version: 4

Page 1 of 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical product name : Melamine cyanurate
Common chemical name : Melamine cyanurate
Chemical formula : $C_6H_6N_6O_3$
CAS no : 37640-57-5
EC no : 263-575-7
EINECS no : 253-575-7

Supplier's name and address

DSM Melapur
Koestr. 3, Geleen
P.O. Box 18
6160 MD Geleen
The Netherlands
Tel: *31 4647 61186
Fax: *31 4647 61188

Emergency telephone : 31-46-4765555

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS no.	% (w/w)	Symbol	R phrases
Melamine cyanurate	37640-57-6	> 99.4	-	-

3. HAZARDS IDENTIFICATION

Physical/chemical hazards : Not applicable.
Environmental hazards : Not applicable.
Effect(s) of (over)exposure : Irritating to eyes and respiratory tract at exposure above Threshold Limit Value.

Legenda toegepaste uitzonderingsgrondslagen

In dit document zijn gegevens geanonimiseerd op grond van:

Wet	Artikel	Omschrijving	Pagina's
Wet open overheid	Art. 5.1 lid 2 sub e	De eerbiediging van de persoonlijke levenssfeer	1, 3, 7, 9, 19, 20, 23, 27