SAFETY DATA SHEET

Polishfjerner

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name
Polishfjerner

Product no.
516

Unique formula identifier (UFI)
F6WK-J4JJ-8004-9F1V

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture
Professionel uses.

Use descriptors (UK REACH)

Sectors of use	**Description**
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	**Description**
PC 35	Washing and Cleaning Products (including solvent based products)
Process category	**Description**
PROC 8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities
PROC 19	Hand-mixing with intimate contact and only PPE available
PROC 28	Manual maintenance (cleaning and repair) of machinery
Environmental release category	**Description**
ERC 8b	Wide dispersive indoor use of reactive substances in open systems
ERC 8a	Wide dispersive indoor use of processing aids in open systems

▼Uses advised against
None known.

1.3. Details of the supplier of the safety data sheet

Company and address
Jysk Kemi Service A/S
Gl. Struervej 50
7500 Holstebro
Denmark
+45 9740 3133
+45 9740 4846
www.jyskkemi.dk

Contact person
Rikke Hunskjær

E-mail
rikke@jyskkemi.dk

Revision
09/08/2023

SDS Version
2.0

Date of previous version
20/10/2021 (1.0)

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 “First aid measures”.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Corr. 1B; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H335, May cause respiratory irritation.

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage. (H314)
May cause respiratory irritation. (H335)

Precautionary statement(s)

General

-

Prevention

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

▼Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Storage

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

▼Disposal

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances

2-aminoethanol
disodium metasilicate

▼Additional labelling

UFI: F6WK-J4JJ-8004-9F1V

2.3. Other hazards

▼Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. ▼Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
2-aminoethanol	CAS No.: 141-43-5 EC No.: 205-483-3 UK-REACH: Index No.: 603-030-00-8	5-10%	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 5.00 %)	[1]
disodium metasilicate	CAS No.: 10213-79-3 EC No.: 600-279-4	3-5%	Met. Corr. 1, H290 Skin Corr. 1B, H314	

	UK-REACH: Index No.:		STOT SE 3, H335
tetrapotassium pyrophosphate	CAS No.: 7320-34-5 EC No.: 230-785-7 UK-REACH: Index No.:	1-3%	Eye Irrit. 2, H319

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

▼Other information

[1] European occupational exposure limit.

▼Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

< 5%

· Non-ionic surfactants

· Phosphates

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

▼Skin contact

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

▼Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

▼Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

▼Burns

Not applicable.

4.2. ▼Most important symptoms and effects, both acute and delayed

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. ▼Extinguishing media

Not applicable.

5.2. ▼Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Nitrogen oxides (NO_x)
Carbon oxides (CO / CO2)
Some metal oxides

5.3. ▼Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.
Hazchem Code: 2X

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. ▼Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. ▼Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

▼Recommended storage material

Keep only in original packaging.

Storage temperature

> 0°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. ▼Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. ▼Control parameters

2-aminoethanol
Long term exposure limit (8 hours) (ppm): 1
Long term exposure limit (8 hours) (mg/m^3): 2,5
Short term exposure limit (15 minutes) (ppm): 3
Short term exposure limit (15 minutes) (mg/m^3): 7,6
Annotations:
Sk = Can be absorbed through the skin and lead to systemic toxicity.

propane-1,2-diol
Long term exposure limit (8 hours) (ppm): 150(total)
Long term exposure limit (8 hours) (mg/m³): 474(total)/10(particulates)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

▼DNEL

2-aminoethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3 mg/kg bw/day
Long term – Local effects - General population	Inhalation	280 µg/m³
Long term – Local effects - Workers	Inhalation	510 µg/m³
Long term – Systemic effects - General population	Inhalation	180 µg/m³
Long term – Systemic effects - Workers	Inhalation	1 mg/m³
Long term – Systemic effects - General population	Oral	1.5 mg/kg bw/day

disodium metasilicate

Duration:	Route of exposure:	DNEL:
Long term	Dermal	1,49 mg/kg uge/dag
Long term	Inhalation	6,22 mg/m3

propane-1,2-diol

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	10 mg/m3
Long term – Local effects - Workers	Inhalation	10 mg/m3
Long term – Systemic effects - General population	Inhalation	50 mg/m3
Long term – Systemic effects - Workers	Inhalation	186 mg/m3

▼PNEC

2-aminoethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		70 µg/L
Freshwater sediment		357 µg/kg
Intermittent release (freshwater)		28 µg/L
Marine water		7 µg/L
Marine water sediment		35.7 µg/kg
Sewage treatment plant		100 mg/L
Soil		1.29 mg/kg

8.2. ▼Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

▼Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.
Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

▼Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
A	Class 1 (low capacity)	Brown	EN14387

Skin protection

Recommended	Type/Category	Standards
No special when used as intended	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	0,2	> 240	EN374-2, EN374-3, EN388

Eye protection

Type	Standards
Wear safety glasses with side shields.	EN166

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear

Odour / Odour threshold

Faint

pH

13,3

▼pH in solution

12,2 (10%)

Density (g/cm³)

1.05

▼Kinematic viscosity

No data available

Particle characteristics

Not applicable - product is a liquid

Phase changes

Melting point/Freezing point (°C)

Not applicable - product is a liquid

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

▼Boiling point (°C)

100

▼Vapour pressure
Not applicable

Relative vapour density
Not applicable - product is a liquid

▼Decomposition temperature (°C)
Not applicable

Data on fire and explosion hazards

▼Flash point (°C)
Not applicable - flash point > 200°C

▼Flammability (°C)
The material is not combustible.

▼Auto-ignition temperature (°C)
Not applicable

▼Lower and upper explosion limit (% v/v)
Not applicable

Solubility

▼Solubility in water
Completely soluble

▼n-octanol/water coefficient
Testing not relevant or not possible due to the nature of the product.

▼Solubility in fat (g/L)
Testing not relevant or not possible due to the nature of the product.

9.2. Other information

Evaporation rate (n-butylacetate = 100)
Not applicable - product is a liquid

▼Oxidizing properties
Testing not relevant or not possible due to the nature of the product.

▼Other physical and chemical parameters
No data available.

SECTION 10: Stability and reactivity

10.1. ▼Reactivity
No data available.

10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. ▼Possibility of hazardous reactions
None known.

10.4. ▼Conditions to avoid
None known.

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. ▼Hazardous decomposition products
Thermal decomposition may produce corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

▼Acute toxicity

Product/substance	2-aminoethanol
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1089 mg/kg

Product/substance	2-aminoethanol
Species:	Rat
Route of exposure:	Inhalation

Test:	LC50
Result:	> 1,3 mg/L

Product/substance	disodium metasilicate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1152-1349 mg/kg ·

Product/substance	disodium metasilicate
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 2,06 g/m3 ·

Product/substance	disodium metasilicate
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 5000 mg/kg ·

Product/substance	tetrapotassium pyrophosphate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 2000 mg/kg ·

Product/substance	propane-1,2-diol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	22000 mg/kg ·

Product/substance	propane-1,2-diol
Species:	Rabbit
Route of exposure:	Inhalation
Test:	LC50
Result:	> 317 mg/l ·

Product/substance	propane-1,2-diol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg ·

▼Skin corrosion/irritation

Product/substance	2-aminoethanol
Test method:	OECD 404
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Corrosive)

Causes severe skin burns and eye damage.

▼Serious eye damage/irritation

Product/substance	2-aminoethanol
Test method:	OECD 405
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Corrosive)

Causes serious eye damage.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

▼Skin sensitisation

Product/substance	2-aminoethanol
Test method:	OECD 406

Species: Guinea pig
Result: No adverse effect observed (not sensitising)

▼Germ cell mutagenicity
Product/substance: 2-aminoethanol
Species:
Conclusion: No adverse effect observed

▼Carcinogenicity
Product/substance: 2-aminoethanol
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion: No adverse effect observed

▼Reproductive toxicity
Product/substance: 2-aminoethanol
Species:
Duration:
Test:
Result:
Conclusion: No adverse effect observed

STOT-single exposure
May cause respiratory irritation.

▼STOT-repeated exposure
Product/substance: 2-aminoethanol
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion: No adverse effect observed

▼Aspiration hazard
Product/substance: 2-aminoethanol
Kin. viscocity (mm²/s): 23,55
Test:
Conclusion: Aspiration hazard not applicable
Other information:

11.2. Information on other hazards

▼Long term effects
Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

▼Endocrine disrupting properties
Not applicable.

▼Other information
None known.

SECTION 12: Ecological information

12.1. ▼Toxicity

Product/substance: 2-aminoethanol
Species: Daphnia
Duration: 48 hours
Test: EC50
Result: 65 mg/l ·

Product/substance: 2-aminoethanol
Species: Fish
Duration: 7 days
Test: LC50

Result:	> 100 mg/l ·

Product/substance	disodium metasilicate
Species:	Fish
Duration:	7 days
Test:	LC50
Result:	210 mg/l ·

Product/substance	disodium metasilicate
Species:	Daphnia
Duration:	7 days
Test:	EC50
Result:	1700 mg/l ·

Product/substance	disodium metasilicate
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	> 345,4 mg/l ·

Product/substance	tetrapotassium pyrophosphate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	> 100 mg/l ·

Product/substance	tetrapotassium pyrophosphate
Species:	Daphnia
Duration:	48 hours
Test:	LC50
Result:	> 100 mg/l ·

Product/substance	propane-1,2-diol
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	43500 mg/l ·

Product/substance	propane-1,2-diol
Species:	Fish
Duration:	7 days
Test:	LC50
Result:	40613 mg/l ·

Product/substance	propane-1,2-diol
Species:	Crustacean
Duration:	18 hours
Test:	NOEC
Result:	20.000 mg/l ·

12.2. ▼Persistence and degradability

Product/substance	2-aminoethanol
Biodegradable:	Yes
Test method:	OECD 301 A
Result:	> 90% 21 d

Product/substance	propane-1,2-diol
Biodegradable:	Yes
Test method:	OECD 301 F
Result:	81,7%

12.3. ▼Bioaccumulative potential

Product/substance	2-aminoethanol
Test method:	
Potential bioaccumulation:	No
LogPow:	< 1

BCF: No data available.
Other information:

Product/substance: disodium metasilicate
Test method:
Potential bioaccumulation: No
LogPow: No data available.
BCF: No data available.
Other information:

Product/substance: propane-1,2-diol
Test method:
Potential bioaccumulation: No data available.
LogPow: No data available.
BCF: 0.09
Other information:

12.4. ▼Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. ▼Endocrine disrupting properties
Not applicable.

12.7. ▼Other adverse effects
None known.

SECTION 13: Disposal considerations

▼Waste treatment methods
Product is covered by the regulations on hazardous waste.
HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 8 – Corrosive
Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code
20 01 15* Alkalines
Waste group H Waste group H

▼Specific labelling

Contaminated packing
Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate)	Transport hazard class: 8 Label: 8 Classification code: C9 	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate)	Transport hazard class: 8 Label: 8 Classification code: C9 	II	No	Limited quantities: 1 L EmS: F-A S-B See below for additional information.

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
IATA	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate)	Transport hazard class: 8 Label: 8 Classification code: C9 	II	No	See below for additional information.

* Packing group
** Environmental hazards

▼Additional information

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
This product is within scope of the regulations of transport of dangerous goods.
Hazchem Code: 2X

14.6. ▼Special precautions for user

Not applicable.

14.7. ▼Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

Restricted to professional users.
People under the age of 18 shall not be exposed to this product.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

▼Demands for specific education

No specific requirements.

▼SEVESO - Categories / dangerous substances

Not applicable.

▼Additional information

Not applicable.

▼Sources

The Management of Health and Safety at Work Regulations 1999.
The Health and Safety at Work etc. Act 1974 Regulations 2013.
Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.
H302, Harmful if swallowed.
H312, Harmful in contact with skin.
H314, Causes severe skin burns and eye damage.
H319, Causes serious eye irritation.

H332, Harmful if inhaled.
H335, May cause respiratory irritation.

The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PROC 8a = Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities
PROC 19 = Hand-mixing with intimate contact and only PPE available
PROC 28 = Manual maintenance (cleaning and repair) of machinery
PC 35 = Washing and Cleaning Products (including solvent based products)
ERC 8b = Wide dispersive indoor use of reactive substances in open systems
ERC 8a = Wide dispersive indoor use of processing aids in open systems

▼Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

▼Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

▼The safety data sheet is validated by

RH

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en