SAFETY DATA SHEET

PrimeSource Maskinopvask pulver Mild u/klor

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name	PrimeSource Maskinopvask pulver Mild u/klor
Product no.	100568
Unique formula identifier (UFI)	JGE1-K0SU-2006-G507

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

▼Relevant identified uses of the substance or mixture	Alkaline dishwashing powder. Restricted to professional users.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Company and address	**MultiLine A/S** Kirkebjergvej 17 DK-4180 Sorø Denmark
Contact person	Multiline
E-mail	psa@multiline.dk
Revision	23/04/2024
SDS Version	5.0
Date of previous version	10/02/2023 (4.0)

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 Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)

Signal word	Danger
Hazard statement(s)	Causes skin irritation. (H315) Causes serious eye damage. (H318)
Precautionary statement(s)	
General	-
▼Prevention	Wear protective gloves/protective clothing/eye protection/face protection. (P280)
▼Response	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. (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) Immediately call a POISON CENTER/doctor. (P310)
Storage	-
Disposal	-
Hazardous substances	Disodium metasilicate, pentahydrate

	Sodium silicate
Additional labelling	UFI: JGE1-K0SU-2006-G507
▼Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law	5% - 15% · Oxygen-based bleaching Agents · Polycarboxylates < 5% · Non-ionic surfactants · Enzymes

2.3. Other hazards

▼Additional warnings	This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. 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
Sodium carbonate	CAS No.: 497-19-8 EC No.: 207-838-8 UK-REACH: Index No.: 011-005-00-2	30 - 60 %	Eye Irrit. 2, H319	
Sodium percarbonate	CAS No.: 15630-89-4 EC No.: 239-707-6 UK-REACH: Index No.:	5 - 15%	Ox. Sol. 2, H272 Acute Tox. 4, H302 (ATE: 1034.00 mg/kg) Eye Dam. 1, H318 (SCL: 25.00 %) Eye Irrit. 2, H319 (SCL: 7.50 %)	
Disodium metasilicate, pentahydrate	CAS No.: 10213-79-3 EC No.: 229-912-9 UK-REACH: Index No.:	1 - 5 %	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335	
Sodium silicate	CAS No.: 1344-09-8 EC No.: 215-687-4 UK-REACH: Index No.:	1 - 5 %	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335	
Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block	CAS No.: 196823-11-7 EC No.: 677-779-4 UK-REACH: Index No.:	1 - 5 %	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

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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	IF ON SKIN: Wash with plenty of water/water and soap.

	Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. 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	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
Burns	Not applicable.

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.
High amounts of dust can cause coughing and general irritation of the respiratory airways.

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

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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:
Sulphur oxides
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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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.
Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.
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.
Powder trickling out onto the floor or onto other containers must be prevented.

Recommended storage material	Always store in containers of the same material as the original container.
▼Storage temperature	-5 - 25 °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

No substances are listed in the national list of substances with an occupational exposure limit.

▼DNEL

Sodium carbonate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	5 mg/m³
Long term – Local effects - Workers	Inhalation	10 mg/m³

Sodium percarbonate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	6.4 mg/cm²
Long term – Local effects - Workers	Dermal	12.8 mg/cm²
Short term – Local effects - General population	Dermal	6.4 mg/cm²
Short term – Local effects - Workers	Dermal	12.8 mg/cm²
Long term – Local effects - Workers	Inhalation	5 mg/m³

▼PNEC

Sodium percarbonate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		35 µg/L
Intermittent release (freshwater)		35 µg/L
Marine water		35 µg/L
Sewage treatment plant		16.24 mg/L

8.2. ▼Exposure controls

Apply general control to prevent unnecessary exposure

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	Occupational exposure limits have not been defined for the substances in this product.
▼Appropriate technical measures	Apply standard precautions during use of the product. Avoid inhalation of gas or dust. Ensure that eyewash stations and safety showers are located within easy reach. Airborne gas and dust concentrations must be kept at a minimum. Provide efficient mechanical ventilation. If not possible use suitable respiratory equipment.
Hygiene measures	Take off contaminated clothing and wash it before reuse.
Measures to avoid environmental exposure	No specific requirements.

Individual protection measures, such as personal protective equipment

Generally	Use only UKCA marked protective equipment.
▼Respiratory Equipment	

Type	Class	Colour	Standards	
In case of inadequate ventilation: Use respiratory equipment with particle filter, type P2.			EN143/EN149	

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Butyl rubber. Neoprene. Nitrile rubber.			EN374	

▼Eye protection

Type	Standards	
Wear dust resistant safety goggles where there is danger of eye contact.	EN 166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	White
Odour / Odour threshold	Testing not relevant or not possible due to the nature of the product.
▼pH	-
▼pH in solution	~11 (10%)
Density (g/cm^3)	~ 1,00
Kinematic viscosity	Does not apply to solids.
Particle characteristics	Testing not relevant or not possible due to the nature of the product.

Phase changes

Melting point/Freezing point (°C)	Testing not relevant or not possible due to the nature of the product.
Softening point/range (waxes and pastes) (°C)	Does not apply to solids.
Boiling point (°C)	Does not apply to solids.
Vapour pressure	Testing not relevant or not possible due to the nature of the product.
Relative vapour density	Does not apply to solids.
Decomposition temperature (°C)	Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)	Does not apply to solids.
Flammability (°C)	Testing not relevant or not possible due to the nature of the product.
Auto-ignition temperature (°C)	Testing not relevant or not possible due to the nature of the product.
Lower and upper explosion limit (% v/v)	Does not apply to solids.

Solubility

Solubility in water	Completely soluble
n-octanol/water coefficient (LogKow)	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

VOC (g/l)	0
▼Oxidizing properties	Does not meet the criteria for oxidising.
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
The product is not degraded when used as specified in section 1.

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	Sodium carbonate
Test method:	OECD 401
Species:	Rat, male/female
Route of exposure:	Oral
Test:	LD50
Result:	2800 mg/kg
Other information:	Source: ECHA

Product/substance	Sodium carbonate
Test method:	OECD 403
Species:	Rat, male
Route of exposure:	Inhalation
Test:	LC50
Result:	2,3 mg/L
Other information:	Source: ECHA

Product/substance	Sodium carbonate
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg
Other information:	Source: ECHA

Product/substance	Sodium percarbonate
Species:	Rat, male/female
Route of exposure:	Oral
Test:	LD50
Result:	1034 mg/kg
Other information:	Source: ECHA

Product/substance	Sodium percarbonate
Species:	Rabbit, male/female
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg
Other information:	Source: ECHA

Product/substance	Disodium metasilicate, pentahydrate
Species:	Rat

Route of exposure:	Oral
Test:	LD50
Result:	1152 -1349 mg/kgbw
Other information:	Source: Supplier SDS

Product/substance	Disodium metasilicate, pentahydrate
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 2,06 g/m³
Other information:	Source: Supplier SDS

Product/substance	Disodium metasilicate, pentahydrate
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 5000 mg/kgbw
Other information:	Source: Supplier SDS

Product/substance	Sodium silicate
Test method:	OECD 401
Species:	Rat, male/female
Route of exposure:	Oral
Test:	LD50
Result:	3400 mg/kgbw
Other information:	Source: ECHA

Product/substance	Sodium silicate
Species:	Rat, male/female
Route of exposure:	Inhalation
Test:	LC50
Result:	>2,06 mg/m³
Other information:	Source: ECHA

Product/substance	Sodium silicate
Test method:	EPA OPPTS 870.1200
Species:	Rat, male/female
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/kgbw
Other information:	Source: ECHA

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 423
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 - 5000 mg/L
Other information:	Source: Supplier SDS

▼Skin corrosion/irritation

Product/substance	Disodium metasilicate, pentahydrate
Result:	Adverse effect observed (Corrosive)

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 404
Result:	Adverse effect observed (Irritating)
Other information:	Source: Supplier SDS

Causes skin irritation.

▼Serious eye damage/irritation

Product/substance	Sodium carbonate
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Irritating)
Other information:	Source: ECHA

Product/substance	Sodium percarbonate
Test method:	OECD 405
Species:	Rabbit, New Zealand White
Result:	Adverse effect observed (Highly irritating)
Other information:	Source: ECHA

Product/substance	Disodium metasilicate, pentahydrate
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Slightly irritating)
Other information:	Source: Supplier SDS

Causes serious eye damage.

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

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

▼Germ cell mutagenicity
Based on available data, the classification criteria are not met.

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

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

STOT-single exposure
Based on available data, the classification criteria are not met.

▼STOT-repeated exposure

Product/substance	Disodium metasilicate, pentahydrate
Species:	Rat
Test:	NOAEL
Result:	227 mg/kg bw/day
Other information:	Source: Supplier SDS

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

11.2. Information on other hazards

Long term effects
The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

▼Endocrine disrupting properties
This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information
None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. ▼Toxicity

Product/substance	Sodium carbonate
Species:	Fish, Lepomis macrochirus
Compartment:	Freshwater
Duration:	96 hours
Test:	LC50
Result:	300 mg/L
Other information:	Source: ECHA

Product/substance	Sodium carbonate
Species:	Crustacean, Ceriodaphnia dubia
Compartment:	Freshwater
Duration:	48 hours
Test:	EC50
Result:	200 - 227 mg/L
Other information:	Source: ECHA

Product/substance	Sodium percarbonate

Species:	Fish, Pimephales promelas
Compartment:	Freshwater
Duration:	96 hours
Test:	LC50
Result:	70,7 mg/L
Other information:	Source: ECHA

Product/substance	Sodium percarbonate
Species:	Daphnia, Daphnia pulex
Duration:	48 hours
Test:	EC50
Result:	4,9 mg/L
Other information:	Source: ECHA

Product/substance	Sodium percarbonate
Species:	Algae, Chlorella vulgaris
Duration:	72 hours
Test:	EC50
Result:	7,7 mg/L
Other information:	Source: ECHA

Product/substance	Disodium metasilicate, pentahydrate
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	210 mg/L
Other information:	Source: Supplier SDS

Product/substance	Disodium metasilicate, pentahydrate
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	1700 mg/L
Other information:	Source: Supplier SDS

Product/substance	Sodium silicate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Compartment:	Freshwater
Duration:	96 hours
Test:	LC50
Result:	1108 mg/L
Other information:	Source: ECHA

Product/substance	Sodium silicate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Compartment:	Freshwater
Duration:	48 hours
Test:	EC50
Result:	1700 mg/L
Other information:	Source: ECHA

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>1 - 10 mg/L
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	DIN 38412
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	>10 - 100 mg/L
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	>1 - 10 mg/L

Other information: Source: Supplier SDS

12.2. ▼Persistence and degradability

The product is easily biodegradable.

Product/substance: Sodium carbonate
Conclusion: Not biodegradable

Product/substance: Sodium percarbonate
Conclusion: The substance is inorganic. Biodegradation studies are not applicable.

Product/substance: Disodium metasilicate, pentahydrate
Conclusion: Readily biodegradable

Product/substance: Sodium silicate
Conclusion: Not biodegradable

Product/substance: Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Result: ≥ 90 %
Conclusion: Readily biodegradable
Test: OECD 301 E

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

The product is not bioaccumulating

12.4. Mobility in soil

No data available.

12.5. ▼Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

▼Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
HP 4 - Irritant (skin irritation and eye damage)
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point.
Dispose of waste and residues in accordance with local authority requirements.

EWC code

07 06 01* Aqueous washing liquids and mother liquors

▼Specific labelling

▼Contaminated packing

▼EWC code 07 06 01* Aqueous washing liquids and mother liquors

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group
** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Demands for specific education	No specific requirements.
SEVESO - Categories / dangerous substances	Not applicable.
▼Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law	5% - 15% · Oxygen-based bleaching Agents · Polycarboxylates < 5% · Non-ionic surfactants · Enzymes
Additional information	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Sources	The Management of Health and Safety at Work Regulations 1999. 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
H272, May intensify fire; oxidiser.
H290, May be corrosive to metals.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory irritation.

▼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
EuPCS = European Product Categorisation System
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

JUBO

▼Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a 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