

SAFETY DATA SHEET

RV Grundrens 12101-12105

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

1.1. Product identifier

Trade name

RV Grundrens 12101-12105

Product no.

Sv.licens 5026 0123

Unique formula identifier (UFI)

DDA0-K06H-W00V-3A5E

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

Relevant identified uses of the substance or mixture

PC35 Washing and cleaning products

Product code (A.I.S.E.)

Code

AISE-P301 / General purpose cleaner. Manual process.

AISE-P401 / Floor cleaner. Semi-Automatic process.

AISE-P403 / Floor cleaner. Manual process.

Use descriptors (REACH)

| Sectors of use | Description |
|----------------|-------------|
|----------------|-------------|

| | |
|----------|--|
| LCS "PW" | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
|----------|--|

| Process category | Description |
|------------------|-------------|
|------------------|-------------|

| | |
|--------|--------------------------------|
| PROC10 | Roller application or brushing |
|--------|--------------------------------|

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

RV Unique

Kometvej 5

DK-6230 Rødekro

Denmark

Tel.: +45 7366 1204

Fax: 73 66 12 03

E-mail

info@rvunique.dk

Revision

17/11/2022

SDS Version

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

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.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage. (H314)

Safety statement(s)

General

-

Prevention

Do not breathe vapour/mist. (P260)

Wear face protection/protective gloves/protective clothing. (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)

Immediately call a POISON CENTER/doctor. (P310)

Storage

-

Disposal

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

Hazardous substances

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Sodium metasilicate pentahydrate

Additional labelling

UFI: DDA0-K06H-W00V-3A5E

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.

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 |
|--|---|-------|---|------|
| Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega- hydroxy-, branched | CAS No.: 69011-36-5 EC No.: - UK-REACH: Index No.: | 5-10% | Acute Tox. 4, H302 (ATE: 501.00 mg/kg) Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.05 %) | [19] |
| Sodium metasilicate pentahydrate | CAS No.: 10213-79-3 EC No.: - UK-REACH: Index No.: | 5-10% | Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335 | |

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

Labelling of contents according to Detergents Regulation (EC) No 648/2004

5% - 15%

· Non-ionic surfactants

< 5%

· Amphoteric surfactants

· Preservation agent (PHENOXYETHANOL)

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

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 30 minutes and continue until irritation stops. 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 returning 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:

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.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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.

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials 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

Always store in containers of the same material as the original container.

Storage temperature

No specific requirements

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

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

| Duration | Route of exposure | DNEL |
|---|-------------------|------------------------|
| Long term – Systemic effects - General population | Dermal | 93.8 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 263 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 6.53 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 37 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 2.5 mg/kg bw/day |

Sodium metasilicate pentahydrate

| Duration | Route of exposure | DNEL |
|---|-------------------|------------------------|
| Long term – Systemic effects - General population | Dermal | 0,74 mg/kg |
| Long term – Systemic effects - Workers | Dermal | 1,49 mg/kg |
| Long term – Systemic effects - General population | Inhalation | 1,55 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 6,22 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 0,74 mg/kg |

PNEC

2-phenoxyethanol

| Route of exposure | Duration of Exposure | PNEC |
|------------------------|----------------------|--------------|
| Activated Sludge Plant | | ca. 620 mg/l |

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

| Route of exposure | Duration of Exposure | PNEC |
|-------------------------------------|----------------------|--------------|
| Activated Sludge Plant | Single | >10.000 mg/l |
| Freshwater | | 4.36 µg/L |
| Freshwater sediment | | 119.4 µg/kg |
| Intermittent release (freshwater) | | 5.44 µg/L |
| Intermittent release (marine water) | | 544 ng/L |
| Marine water | | 436 ng/L |
| Marine water sediment | | 11.94 µg/kg |

| | |
|------------------------|------------|
| Sewage treatment plant | 4.35 mg/L |
| Soil | 21.3 µg/kg |

Sodium metasilicate pentahydrate

| Route of exposure | Duration of Exposure | PNEC |
|------------------------|----------------------|-----------|
| Marine water | Continuous | 1 mg/l |
| Sewage treatment plant | Continuous | 1000 mg/l |
| Water | Continuous | 7,5 mg/l |
| Water | Single | 7,5 mg/l |

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

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 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.

8.3. Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

| Type | Class | Colour | Standards |
|-----------------------------------|-------|--------|-----------|
| No special when used as intended. | | | |

Skin protection

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



Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------|----------------------|--------------------------|-------------------------|
| Nitrile | 0,38 | > 240 | EN374-2, EN374-3, EN388 |



Eye protection

| Type | Standards |
|---|-----------|
| Face shield alternatively safety glasses with side shields. | EN166 |



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Liquid

Colour

Clear

Odour

Pleasant

Odour threshold (ppm)

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

pH

13,1

Density (g/cm³)

1.06

Viscosity

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

Phase changes

Melting point (°C)

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

Boiling point (°C)

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

Vapour pressure

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

Vapour density

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

Decomposition temperature (°C)

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

Evaporation rate (n-butylacetate = 100)

Data on fire and explosion hazards

Flash point (°C)

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

Ignition (°C)

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

Auto flammability (°C)

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

Explosion limits (% v/v)

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

Explosive properties

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

Oxidizing properties

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

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

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 toxicological effects

Acute toxicity

| | |
|-------------------|---|
| Product/substance | Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched |
| Test method | |
| Species | Rat |
| Route of exposure | Oral |
| Test | LD50 |
| Result | 500-2000 mg/kg · |
| Other information | |

| | |
|-------------------|----------------------------------|
| Product/substance | Sodium metasilicate pentahydrate |
| Test method | |
| Species | Rat |
| Route of exposure | Oral |
| Test | LD50 |
| Result | 1152-1349 mg/kg · |
| Other information | |

| | |
|-------------------|----------------------------------|
| Product/substance | Sodium metasilicate pentahydrate |
| Test method | |
| Species | Rat |
| Route of exposure | Inhalation |
| Test | LC50 |
| Result | >2,06 g/m3 · |
| Other information | |

| | |
|-------------------|----------------------------------|
| Product/substance | Sodium metasilicate pentahydrate |
| Test method | |
| Species | Rat |
| Route of exposure | Dermal |
| Test | LD50 |
| Result | >5000 mg/kg · |
| Other information | |

| | |
|-------------------|------------------|
| Product/substance | 2-phenoxyethanol |
| Test method | |
| Species | Rat |
| Route of exposure | Oral |
| Test | LD50 |
| Result | 2740 mg/kg · |
| Other information | |

| | |
|-------------------|------------------|
| Product/substance | 2-phenoxyethanol |
| Test method | |
| Species | Rabbit |
| Route of exposure | Dermal |
| Test | LD50 |
| Result | 5000 mg/kg · |
| Other information | |

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

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

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

Aspiration hazard

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

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.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|---|
| Product/substance | Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched |
| Test method | |
| Species | Fish |
| Compartment | |
| Duration | 96 hours |
| Test | LC50 |
| Result | 1-10 mg/l · |
| Other information | |

| | |
|-------------------|---|
| Product/substance | Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched |
| Test method | |
| Species | Algae |
| Compartment | |
| Duration | 72 hours |
| Test | EC50 |
| Result | 1-10 mg/l · |
| Other information | |

| | |
|-------------------|---|
| Product/substance | Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched |
| Test method | |
| Species | Daphnia |
| Compartment | |
| Duration | 48 hours |
| Test | EC50 |
| Result | 1-10 mg/l · |
| Other information | |

| | |
|-------------------|----------------------------------|
| Product/substance | Sodium metasilicate pentahydrate |
| Test method | |
| Species | Fish |
| Compartment | |
| Duration | 96 hours |
| Test | LC50 |
| Result | 210 mg/l · |
| Other information | |

| | |
|-------------------|----------------------------------|
| Product/substance | Sodium metasilicate pentahydrate |
| Test method | |
| Species | Daphnia |
| Compartment | |
| Duration | 48 hours |
| Test | EC50 |
| Result | 1700 mg/l · |
| Other information | |

| | |
|-------------------|------------------|
| Product/substance | 2-phenoxyethanol |
| Test method | |
| Species | Fish |
| Compartment | |
| Duration | 96 hours |
| Test | LC50 |
| Result | 344 mg/l · |
| Other information | |

| | |
|-------------------|------------------|
| Product/substance | 2-phenoxyethanol |
|-------------------|------------------|

| | |
|-------------------|--------------|
| Test method | |
| Species | Crustacean |
| Compartment | |
| Duration | 48 hours |
| Test | EC50 |
| Result | > 500 mg/l · |
| Other information | |

| | |
|-------------------|------------------|
| Product/substance | 2-phenoxyethanol |
| Test method | |
| Species | Algae |
| Compartment | |
| Duration | 72 hours |
| Test | EC50 |
| Result | > 500 mg/l · |
| Other information | |

12.2. Persistence and degradability

| | |
|-------------------|---|
| Product/substance | Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched |
| Biodegradable | Yes |
| Test method | OECD 301 E |
| Result | 90% |

| | |
|-------------------|----------------------------------|
| Product/substance | Sodium metasilicate pentahydrate |
| Biodegradable | Yes |
| Test method | |
| Result | |

| | |
|-------------------|------------------|
| Product/substance | 2-phenoxyethanol |
| Biodegradable | Yes |
| Test method | |
| Result | |

12.3. Bioaccumulative potential

| | |
|---------------------------|---|
| Product/substance | Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched |
| Test method | |
| Potential bioaccumulation | No |
| LogPow | 2,7700 |
| BCF | 98 |
| Other information | |

| | |
|---------------------------|----------------------------------|
| Product/substance | Sodium metasilicate pentahydrate |
| Test method | |
| Potential bioaccumulation | No |
| LogPow | No data available. |
| BCF | No data available. |
| Other information | |

| | |
|---------------------------|--------------------|
| Product/substance | 2-phenoxyethanol |
| Test method | |
| Potential bioaccumulation | No |
| LogPow | No data available. |
| BCF | No data available. |
| 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. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is covered by the regulations on hazardous waste.
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 with low energy content

Specific labelling

Not applicable.

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 | 3266 | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium metasilicate) | Class: 8 Labels: 8 Classification code: C5 | III | No | Limited quantities: 5 L Tunnel restriction code: 3 (E) See below for additional information. |
| IMDG | 3266 | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium metasilicate) | Class: 8 Labels: 8 Classification code: C5 | III | No | Limited quantities: 5 L EmS: F-A S-B See below for additional information. |
| IATA | 3266 | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium metasilicate) | Class: 8 Labels: 8 Classification code: C5 | III | 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.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Product registration number

2295501

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

H290, May be corrosive to metals.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

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)

PROC10 = Roller application or brushing

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

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

alias

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