

NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET

Safety Data Sheet

According to GB and EU REACH and CLP Regulations
Issue date: 31/03/2023 Revision date: 31/03/2023 Supersedes version of: 29/10/2021 Version: 10.0

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

1.1. Product identifier

Product name : NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET
UFI : 6NXE-5R9Q-QK2Y-HCF6 ((UFI Code for EU Use))
Product code : DZ7:20, DZ7:50, PDA7:50, PDB7:20

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

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : DISINFECTANT/DETERGENT

1.2.2. Uses advised against

Restrictions on use : Not for Oral Consumption, Not for Direct Application to Food Stuffs

1.3. Details of the supplier of the safety data sheet

Manufacturer

PVA HYGIENE
UNIT 6 Havyat Business Park Havyat Road
BS40 5PA Bristol – United Kingdom
T +44 (0)1934 862 859
sales@pva-hygiene.co.uk

Co-Manufacturer

Neogen/Quat Chem
1 - 4 Sandfield Industrial Park
Rochdale
OL16 5SJ

1.4. Emergency telephone number

Emergency number : 01934 862859 (Office Hours). For Immediate first aid advice in the UK call 111
This product is registered with NPIS in the UK.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations

Acute toxicity (oral), Category 4 H302
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Note: Classification arrived at by test data. NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) :

Danger

Contains :

POTASSIUM MONOPERSULFATE; SODIUM C10-13 ALKYL BENZENESULFONATE

Hazard statements (CLP) :

H302 - Harmful if swallowed.
H315 - Causes skin irritation.

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| | |
|--------------------------------|--|
| Precautionary statements (CLP) | H318 - Causes serious eye damage. H412 - Harmful to aquatic life with long lasting effects. : P102 - Keep out of reach of children. P260 - Do not breathe dust. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P280 - Wear eye protection, face protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301+P310 - IF SWALLOWED: Immediately call a doctor. P332+P313 - If skin irritation occurs: Get medical advice/attention. P501 - Dispose of contents and container to national regulations. |
|--------------------------------|--|

2.3. Other hazards

Other hazards which do not result in classification : NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

This product does not contain any substances classified as PBT

This product does not contain any substances classified as vPvB.

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations |
|---|---|------------------|---|
| POTASSIUM MONOPERSULFATE | CAS-No.: 70693-62-8 EC-No.: 274-778-7 | $\geq 50 - < 60$ | Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Chronic 3, H412 |
| SODIUM C10-13 ALKYL BENZENESULFONATE | CAS-No.: 68411-30-3 EC-No.: 270-115-0 | $\geq 20 - < 30$ | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| malic acid | CAS-No.: 6915-15-7 EC-No.: 230-022-8 | $\geq 8 - < 15$ | Eye Irrit. 2, H319 |
| sulphamidic acid; sulphamic acid; sulfamic acid | CAS-No.: 5329-14-6 EC-No.: 226-218-8 EC Index-No.: 016-026-00-0 | $\geq 8 - < 15$ | Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|--------------------------------------|--|---|
| SODIUM C10-13 ALKYL BENZENESULFONATE | CAS-No.: 68411-30-3 EC-No.: 270-115-0 | ($65 \leq C < 100$) Acute Tox. 4 (Oral), H302 |

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : If medical advice is needed, have product container or label at hand. For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove the victim immediately from the source of exposure. However, consideration should be given as to whether moving the victim will cause further injury. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If unconscious place in recovery position and seek medical advice. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention. If unconscious place in recovery position and seek medical advice. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects | : Neat product can cause eye damage and skin irritation. Diluted product is unclassified, but eye contact should be treated as above. |
| Symptoms/effects after inhalation | : Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore throat. If mixed with bleach based products, Chlorine gas may be produced, check for respiratory disorders. |
| Symptoms/effects after skin contact | : Irritating to skin. |
| Symptoms/effects after eye contact | : Causes serious eye burns. |
| Symptoms/effects after ingestion | : Unlikely route of exposure without deliberate abuse. If sachets are swallowed they may swell and could block the throat and GI tract. If Powder is ingested, irritation and burning to the mouth and GI tract may occur, a soapy taste may be reported. Ingestion of diluted solution is unlikely to cause long term harm, but a soapy taste may be reported together with mild irritation to the lips, throat and GI tract. |

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

Rinse with plenty of water. Check for abrasion to the surface of the eye from powder particles.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Use extinguishing agent suitable for surrounding fire. |
| Unsuitable extinguishing media | : Water. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Fire hazard | : The product is not flammable. |
| Hazardous decomposition products in case of fire | : On heating irritating or toxic fumes may be produced. |

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|--|
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. |
|----------------------|--|

6.1.2. For emergency responders

| | |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

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6.2. Environmental precautions

Normal use solutions can be disposed to sewers and septic tanks. Large scale spillages or uncontrolled discharges into water systems must be reported to the relevant Environment Agency.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect and place spillage in suitable containers. Seal the containers and apply labelling to identify the material and hazards. For disposal see section 13 of this SDS. Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques.

6.4. Reference to other sections

For further information refer to section 13. See sections 2,8,12,13 &14.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Carefully comply with the instructions for use. Avoid contact with skin and eyes. Avoid formation of dust.

Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry place. Store in a closed container.

7.3. Specific end use(s)

DISINFECTANT/DETERGENT. Follow product use instructions and where appropriate consult equipment manufacturers cleaning manuals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET | |
|--|---|
| United Kingdom - Occupational Exposure Limits | |
| Remark | Respirable dust quoted above. Note 10mg/m3 measurable inhalable dust. |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

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Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. Wear approved safety glasses where eye exposure is probably or where there is a risk of splashing. Refer to EN166 to select the appropriate level of protection.

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

During normal use gloves are not required, for extended regular use, gloves should be considered to prevent skin dryness. Refer to EN374 for recommendations.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

The PPE indicated in this SDS is not a COSHH assessment. It represents the PPE that should be considered for the neat product at all stages of the products life cycle, including manufacture, packing, distribution, use and disposal. Use solutions are unclassified, but for these we recommend use of gloves as minimum PPE.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--------------------------------|
| Physical state | : Solid |
| Appearance | : Powder. |
| Colour | : greenish yellow to yellow. |
| Odour | : Faint Bleach like. |
| Odour threshold | : No data available |
| pH | : No data available |
| pH solution | : $\approx 2.6 (\geq 0) @1\%$ |
| Relative evaporation rate (butylacetate=1) | : Not applicable. |
| Melting point | : Not applicable |
| Freezing point | : Not applicable |
| Boiling point | : Not applicable |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : Not applicable |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : Not applicable |
| Relative vapour density at 20°C | : Not applicable |
| Relative density | : 1 – 1.1 |
| Solubility | : Completely soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : Not applicable |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Product is not explosive. |

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Oxidising properties : Not oxidising.
Explosive limits : Not applicable

9.2. Other information

VOC content : Contains no VOC material.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Mixing with Hypochlorite (Bleach) based products can result in the evolution of Chlorine Gas. Mixing with alkaline or caustic solutions may produce heat and irritating vapour.

10.4. Conditions to avoid

Store away from moisture in a closed container. Protect from sunlight.

10.5. Incompatible materials

Oxidising agents. Strong bases. May not be used with bleach or other cleaning agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET | |
|---|--|
| ATE CLP (oral) | 843.75 mg/kg bodyweight |
| POTASSIUM MONOPERSULFATE (70693-62-8) | |
| LD50 oral rat | 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method) |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |
| ATE CLP (oral) | 500 mg/kg bodyweight |
| SODIUM C10-13 ALKYL BENZENESULFONATE (68411-30-3) | |
| LD50 oral rat | 1080 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| ATE CLP (oral) | 1080 mg/kg bodyweight |
| malic acid (6915-15-7) | |
| LD50 oral rat | 3500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |

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| malic acid (6915-15-7) | |
|-----------------------------------|---|
| LD50 dermal rabbit | > 20000 mg/kg bodyweight Animal: rabbit |
| LC50 Inhalation - Rat | > 1.306 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)) |
| ATE CLP (oral) | 3500 mg/kg bodyweight |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye damage. |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : This mixture is not classified as a carcinogen. |
| Reproductive toxicity | : This mixture has no reproductive/foetal harm classifications and is not expected to be a risk to expectant mothers. |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |

| POTASSIUM MONOPERSULFATE (70693-62-8) | |
|---------------------------------------|---|
| LOAEL (oral, rat, 90 days) | 600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| NOAEL (oral, rat, 90 days) | 200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| Aspiration hazard | : Not classified |

| NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET | |
|--|----------------|
| Viscosity, kinematic | Not applicable |

| POTASSIUM MONOPERSULFATE (70693-62-8) | |
|---------------------------------------|----------------|
| Viscosity, kinematic | Not applicable |

| SODIUM C10-13 ALKYL BENZENESULFONATE (68411-30-3) | |
|---|----------------|
| Viscosity, kinematic | Not applicable |

| malic acid (6915-15-7) | |
|------------------------|----------------|
| Viscosity, kinematic | Not applicable |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Normal use solutions of this product are not classified for environmental harm. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |
| Not rapidly degradable | |

| POTASSIUM MONOPERSULFATE (70693-62-8) | |
|---------------------------------------|--|
| LC50 - Fish [1] | 53 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | 3.5 mg/l Test organisms (species): Daphnia magna |

| SODIUM C10-13 ALKYL BENZENESULFONATE (68411-30-3) | |
|---|--|
| LC50 - Fish [1] | 1.67 mg/l Test organisms (species): Lepomis macrochirus |
| EC50 - Crustacea [1] | 2.9 mg/l Test organisms (species): Daphnia magna |
| NOEC (chronic) | 1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

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| malic acid (6915-15-7) | |
|------------------------|--|
| LC50 - Fish [1] | > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 72h - Algae [1] | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

12.2. Persistence and degradability

| NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET | |
|--|--|
| Persistence and degradability | The Surfactants and Chelants used in this mixture are Biodegradable. |

12.3. Bioaccumulative potential

| NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET | |
|--|--------------------------------|
| Bioaccumulative potential | Not expected to Bioaccumulate. |

12.4. Mobility in soil

| NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET | |
|--|------------------|
| Additional information | soluble in water |

12.5. Results of PBT and vPvB assessment

| NEOGEN VIRUCIDAL DETERGENT DISINFECTANT SACHET | |
|--|--|
| This product does not contain any substances classified as PBT | |
| This product does not contain any substances classified as vPvB. | |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Disposal of this product must comply with local and national environmental legislation.
Sewage disposal recommendations : Small volumes of use solution can be disposed of to sewage drains.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|----------------|----------------|----------------|----------------|
| 14.1. UN number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

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| ADR | IMDG | IATA | ADN | RID |
|--|----------------|----------------|----------------|----------------|
| 14.5. Environmental hazards | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : Contains no VOC material.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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15.1.2. National regulations

GB REACH and CLP regulations.
UK HSE EH40 Publication.

Ireland

Other information : PCS No:- 100705.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Inclusion of EU UFI code and additional comments in section 7.

| Abbreviations and acronyms: | |
|-----------------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |

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| Abbreviations and acronyms: | |
|-----------------------------|--|
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disrupting properties |

| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| 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. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.