

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 10-10-2018 Revision date: 16-5-2023 Supersedes version of: 6-1-2023 Version: 1.3

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

1.1. Product identifier

| Product form | : Mixture |
|-----------------|--------------------|
| Trade name | : Hansop White |
| Product code | : 09.50.30 |
| Type of product | : Cosmetic product |
| Product group | : Trade product |
| | |

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

1.2.1. Relevant identified uses

| Main use category |
|------------------------------|
| Use of the substance/mixture |
| Use of the substance/mixture |
| Function or use category |

: Hand wash soap

: Professional use, Industrial use, Consumer use

- : Cosmetics
- : Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Kroon Oil BV B.V. Dollegoorweg, 15 NL– 7602 EC Almelo Netherlands T 0031 (0)546 81 81 65 vib@kroon-oil.nl

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|---|-----------------------------------|--|-----------------------------------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| United Kingdom | National Poisons Information Service (Cardiff Centre) University Hospital Llandough | Penlan Road CF64 2XX | 0344 892 0111 | Only for healthcare professionals |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.3. Other hazards

Other hazards which do not result in classification : Prolonged or repeated contact with the skin may cause dermatitis.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

SECTION 4: First aid measures

4.1. Description of first aid measures

| : In case of doubt or persistent symptoms, consult always a physician. | First-aid measures general |
|---|---------------------------------------|
| No special requirements. | First-aid measures after inhalation |
| : Take off contaminated clothing and wash it before reuse. | First-aid measures after skin contact |
| : Rinse immediately with plenty of water. Consult an ophtalmologist if irritation persists. | First-aid measures after eye contact |
| : Get immediate medical advice/attention. Do NOT induce vomiting. Immediately give plenty of water. | First-aid measures after ingestion |
| of water. | 4.2. Most important symptoms and et |

No additional information available

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

Treat symptomatically.

| SECTION 5: Firefighting measures | | | |
|--|--|--|--|
| 5.1. Extinguishing media | | | |
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. | | |
| 5.2. Special hazards arising from the substance or mixture | | | |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. | | |
| 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

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| 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". | |
|---|---|--|
| 6.2. Environmental precautions | | |
| Avoid release to the environment. | | |
| 6.3. Methods and material for containment | and cleaning up | |
| For containment Methods for cleaning up Other information | Shovel into suitable and closed container for disposal. Recover the product with absorbent material. Dispose of materials or solid residues at an authorized site. | |
| 6.4. Reference to other sections | | |
| For further information refer to section 13. | | |
| SECTION 7: Handling and storage | | |
| 7.1. Precautions for safe handling | | |
| Precautions for safe handling Hygiene measures | Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. | |

7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep only in original container. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Physical state | : Liquid |
|---|------------------------|
| Colour | : light cream. |
| Appearance | : gel. |
| Odour | : characteristic. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : > 100 °C |
| Flammability | : Not applicable |
| Explosive limits | : Not available |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : > 200 °C |
| рН | : ≈6 |
| Viscosity, kinematic | : Not available |
| Solubility | : Water: 100 % Soluble |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : ≈1 g/cm³ @20°C |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |
| | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| 9.2. Other information | | | |
|--|---------------|--|--|
| 9.2.1. Information with regard to physical have No additional information available | azard classes | | |
| 9.2.2. Other safety characteristics | | | |
| VOC content | : 0 % | | |
| SECTION 10: Stability and reactivity | ty | | |
| 10.1. Reactivity | | | |
| Not applicable. | | | |
| 10.2. Chemical stability | | | |
| Stable under normal conditions. | | | |
| 10.3. Possibility of hazardous reaction | S | | |
| No information available. | | | |
| 10.4. Conditions to avoid | | | |
| No additional information available. | | | |
| 10.5. Incompatible materials | | | |
| Strong oxidizing agents. | | | |
| 10.6. Hazardous decomposition produ | cts | | |
| | | | |

No additional information available.

| SECTION 11: Toxicological info | rmation |
|--|--------------------------------------|
| 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 | |
| Acute toxicity (oral) Acute toxicity (dermal) | : Not classified : Not classified |
| Acute toxicity (inhalation) Skin corrosion/irritation | : Not classified : Not classified |
| | pH: ≈ 6 |
| Serious eye damage/irritation | : Not classified pH: ≈ 6 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

11.2. Information on other hazards

No additional information available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| SECTION 12: Ecological information | | |
|--|---|--|
| 12.1. Toxicity | | |
| Hazardous to the aquatic environment, short-term : (acute) | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Not classified Not classified | |
| 12.2. Persistence and degradability | | |
| Hansop White | | |
| Persistence and degradability | Biodegradable. | |
| 12.3. Bioaccumulative potential | | |
| Hansop White | | |
| Bioaccumulative potential | Not potentially bioaccumulable. | |
| 12.4. Mobility in soil | | |
| No additional information available | | |
| 12.5. Results of PBT and vPvB assessment | | |
| Hansop White | | |
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII | | |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII | | |
| 12.6. Endocrine disrupting properties | | |
| No additional information available | | |
| 12.7. Other adverse effects | | |
| No additional information available | | |

| SECTION 13: Disposal considerations | |
|---|--|
| 13.1. Waste treatment methods | |
| Waste treatment methods Product/Packaging disposal recommendations | Dispose of contents/container in accordance with licensed collector's sorting instructions. After cleaning, recycle or dispose of at an authorised site. Container remains hazardous when empty. Continue to observe all precautions. |

SECTION 14: Transport information

| n accordance with ADR / IMDG / IATA / ADN / RID | | | | | |
|---|---------------|---------------|---------------|---------------|--|
| ADR | IMDG | ΙΑΤΑ | ADN | RID | |
| 14.1. UN number or ID number | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | |
| 14.2. UN proper shipping name | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR | IMDG | ΙΑΤΑ | ADN | RID |
|--------------------------|---------------|---------------|---------------|---------------|
| 14.3. Transport hazard o | class(es) | · | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | · · · · · · | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental haz | ards | · | | · |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea Not regulated

Air transport Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

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

: 0 %

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Cosmetic Regulation (1223/2009)

Not applicable.

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)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Indication of changes | | | |
|-----------------------|--|----------|----------|
| Section | Changed item | Change | Comments |
| 1.2 | Use of the substance/mixture | Modified | |
| 2.2 | EUH-statements | Added | |
| 2.3 | Other hazards not contributing to the classification | Added | |
| 4.1 | First-aid measures general | Added | |
| 4.1 | First-aid measures after skin contact | Modified | |
| 4.1 | First-aid measures after inhalation | Modified | |
| 4.1 | First-aid measures after ingestion | Modified | |
| 4.1 | First-aid measures after eye contact | Modified | |
| 6.3 | For containment | Added | |
| 6.3 | Methods for cleaning up | Modified | |
| 7.2 | Packaging materials | Added | |
| 7.2 | Storage conditions | Modified | |
| 9.1 | Appearance | Modified | |
| 9.1 | Colour | Modified | |
| 9.1 | Decomposition temperature | Added | |
| 9.1 | Boiling point | Added | |
| 9.1 | Density | Added | |
| 9.1 | Solubility in water | Modified | |
| 9.1 | рН | Modified | |
| 9.1 | Odour | Modified | |
| 10.1 | Reactivity | Modified | |
| 10.3 | Possibility of hazardous reactions | Modified | |
| 10.4 | Conditions to avoid | Modified | |
| 10.5 | Incompatible materials | Added | |
| 10.6 | Hazardous decomposition products | Modified | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes | | | |
|-----------------------|--------------------------------|--------|----------|
| Section | Changed item | Change | Comments |
| 12.2 | Persistence and degradability | Added | |
| 12.3 | Bioaccumulative potential | Added | |
| 13.1 | Waste disposal recommendations | Added | |

| ADNEuropean Agreement concerning the International Carriage of Dangerous Goods by Inland WaterwaysADREuropean Agreement concerning the International Carriage of Dangerous Goods by RoadATEAcute Toxicity EstimateBCFBioconcentration factorBLVBiological limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberECS0Median effective concentrationENEuropean Community numberECS0Median effective concentrationENEuropean Community numberECS0Median effective concentrationENEuropean Community numberECS0Median effective concentrationENEuropean Community numberECS0Median effective concentrationIMRGInternational Arritime Dangerous GoodsLCS0Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAECNo-Observed Effect LevelNOAECNo-Observed Effect ConcentrationOCOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafet | Abbreviations and ac | ronyms: | |
|--|----------------------|---|--|
| ATEAcute Toxitily EstimateBCFBioconcentration factorBLVBiological limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelEC-No.European Community numberECS0Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Agency for Research on CancerLDS0Median lethal concentrationLDS0Median lethal doseLOAELLowest Observed Adverse Effect LavelNOAECNo-Observed Adverse Effect ConcentrationNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Effect ConcentrationNOECOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance | ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways | |
| BCFBioconcentration factorBLVBiological limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberECS0Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Agency for Research on CancerLATAInternational Arit Transport AssociationIMDGInternational Arit Transport AssociationIDS0Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect ConcentrationNOECOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPresistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road | |
| BLVBiological limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Agency for Research on CancerLC50Median lethal concentrationLDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLDS0Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECOrganisation for Economic Co-operation and DevelopmentOELDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | ATE | Acute Toxicity Estimate | |
| BODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Ari Transport AssociationINDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | BCF | Bioconcentration factor | |
| CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Air Transport AssociationIMDGInternational Air Transport AssociationLD50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | BLV | Biological limit value | |
| DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal concentrationLD50Median lethal coseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | BOD | Biochemical oxygen demand (BOD) | |
| DNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIMDGInternational Ari Transport AssociationIMDGInternational Maritime Dangerous GoodsLC50Median ethal concentrationLD50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECOrganisation for Economic Co-operation and DevelopmentOELDOrganisation for Economic Co-operation and DevelopmentOELPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | COD | Chemical oxygen demand (COD) | |
| EC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Air Transport AssociationIMDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | DMEL | Derived Minimal Effect level | |
| EC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Ari Transport AssociationIMDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | DNEL | Derived-No Effect Level | |
| ENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Air Transport AssociationIMDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | EC-No. | European Community number | |
| IARCInternational Agency for Research on CancerIATAInternational Air Transport AssociationIMDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | EC50 | Median effective concentration | |
| IATAInternational Air Transport AssociationIMDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | EN | European Standard | |
| IMDGInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | IARC | International Agency for Research on Cancer | |
| LC50Median lethal concentrationLD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | ΙΑΤΑ | International Air Transport Association | |
| LD50Median lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | IMDG | International Maritime Dangerous Goods | |
| LOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | LC50 | Median lethal concentration | |
| NOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | LD50 | Median lethal dose | |
| NOAELNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | LOAEL | Lowest Observed Adverse Effect Level | |
| NOECNo-Observed Effect ConcentrationOECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | NOAEC | No-Observed Adverse Effect Concentration | |
| OECDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | NOAEL | No-Observed Adverse Effect Level | |
| OELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | NOEC | No-Observed Effect Concentration | |
| PBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | OECD | Organisation for Economic Co-operation and Development | |
| PNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | OEL | Occupational Exposure Limit | |
| RIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance Limit | РВТ | Persistent Bioaccumulative Toxic | |
| SDS Safety Data Sheet STP Sewage treatment plant ThOD Theoretical oxygen demand (ThOD) TLM Median Tolerance Limit | PNEC | Predicted No-Effect Concentration | |
| STP Sewage treatment plant ThOD Theoretical oxygen demand (ThOD) TLM Median Tolerance Limit | RID | Regulations concerning the International Carriage of Dangerous Goods by Rail | |
| ThOD Theoretical oxygen demand (ThOD) TLM Median Tolerance Limit | SDS | Safety Data Sheet | |
| TLM Median Tolerance Limit | STP | Sewage treatment plant | |
| | ThOD | Theoretical oxygen demand (ThOD) | |
| VOC Volatile Organic Compounds | TLM | Median Tolerance Limit | |
| | VOC | Volatile Organic Compounds | |
| CAS-No. Chemical Abstract Service number | CAS-No. | Chemical Abstract Service number | |
| N.O.S. Not Otherwise Specified | N.O.S. | Not Otherwise Specified | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Abbreviations and acronyms: | | |
|-----------------------------|--|--|
| vPvB | Very Persistent and Very Bioaccumulative | |
| ED | Endocrine disrupting properties | |

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.