

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 01/08/2012 Revision date: 11/11/2025 Supersedes version of: 24/06/2025 Version: 3.1

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

#### 1.1. Product identifier

Product form : Mixture

Product name : 77300 - Industrial Synthetic Gear Oil 320

Product code : 77300

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

#### Relevant identified uses

Main use category : Industrial use,Professional use Function or use category : Lubricants and additives

#### 1.3. Details of the supplier of the safety data sheet

Transnational Blenders bv
Wieldrechtseweg 37
NL 3316 BG Dordrecht, Netherlands, Zuid Holland
Netherlands
T +31 (0)78 6527652
technical@tnb.nl, www.tnb.nl

#### 1.4. Emergency telephone number

| Country/Area | Organisation/Company                                     | Address                                  | Emergency number   | Comment |
|--------------|--|--|--|---------|
| Ireland      | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |

## **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]

EUH-statements : EUH208 - Contains Polysulphides, di-tert-Bu(68937-96-2), Polysulfides, di-tert-

dodecyl(68425-15-0). May produce an allergic reaction. EUH210 - Safety data sheet available on request.

## 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH 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 substance(s) are 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 %

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#### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

| Name   | Product identifier   | %           | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|--|--|-------------|---|
| 1-decene,homopolymer,hydrogenated substance with national workplace exposure limit(s) (BG) | CAS-No.: 68037-01-4<br>EC-No.: 500-183-1<br>REACH-no: 01-2119486452-<br>34 | ≥ 75 – < 90 | Not classified  |
| Polysulphides, di-tert-Bu  | CAS-No.: 68937-96-2<br>EC-No.: 273-103-3                                   | ≥ 0.5 – < 1 | Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412                        |
| Polysulfides, di-tert-dodecyl  | CAS-No.: 68425-15-0<br>EC-No.: 270-335-7<br>REACH-no: 01-2119540516-<br>41 | ≥ 0.3 – < 1 | Skin Sens. 1B, H317   |

| Specific concentration limits: |  |                                   |  |
|--------------------------------|--|-----------------------------------|--|
| Name                           | Product identifier                       | Specific concentration limits (%) |  |
| Polysulphides, di-tert-Bu      | CAS-No.: 68937-96-2<br>EC-No.: 273-103-3 | (6 ≤ C < 100) Skin Sens. 1B; H317 |  |

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

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after inhalation : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after eye contact : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after eye contact : After adequate first aid, no further treatment is required unless symptoms reappear. Symptoms/effects after ingestion : After adequate first aid, no further treatment is required unless symptoms reappear.

## 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.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard

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Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

## 5.3. Advice for firefighters

Precautionary measures fire : Exercise caution when fighting any chemical fire.

Firefighting instructions : Use water spray or fog for cooling exposed containers. Do not enter fire area without proper

protective equipment, including respiratory protection.

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

General measures : Avoid spilling the product, as this might cause falls. Stop leak if safe to do so. Notify

authorities if product enters sewers or public waters. Absorb spillage to prevent material

damage

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear suitable

protective clothing, gloves and eye/face protection. For further information refer to section 8:

"Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

## 6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to

prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : 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

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid

contact with skin and eyes.

Hygiene measures : 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

Technical measures : Provide local exhaust or general room ventilation.

Storage conditions : Keep cool. Protect from sunlight.

Storage temperature : ≤ 40 °C

Storage area : Store in a well-ventilated place. Store away from heat.

Special rules on packaging : Keep only in original container. Store in a closed container.

Packaging materials : Always store product in container of same material as original container.

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## 7.3. Specific end use(s)

No additional information available

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

#### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

#### Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

#### Personal protective equipment symbol(s):







#### Eye and face protection

#### Eye protection:

Safety glasses

#### Skin protection

#### Skin and body protection:

Wear suitable protective clothing

## Hand protection:

Protective gloves

#### **Respiratory protection**

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### **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: LiquidColour: Yellow. amber.Odour: Not availableOdour threshold: Not availableMelting point: Not applicable

Freezing point : -45 °C (ASTM D7346)

Boiling point : Not available
Flammability : Non flammable.
Lower explosion limit : Not available
Upper explosion limit : Not available

Flash point : > 218 °C (ASTM D92)

Auto-ignition temperature : Not available
Decomposition temperature : Not available
pH : Not available

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Viscosity, kinematic : 321.4 mm²/s @ 40°C (ASTM D7042)

Solubility : insoluble in water.

Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : Not available

Vapour pressure at 50°C : Not available

Density : 858 kg/m³ @ 15°C (ASTM D4052)

Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

#### 9.2. Other information

No additional information available

## **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

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

## 10.5. Incompatible materials

Strong oxidizing agents.

Serious eye damage/irritation

## 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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| ,   |  |  |  |
|---|--|--|--|
| 1-decene,homopolymer,hydrogenated (68037-01-4)            |  |  |  |
| _D50 oral (rat) > 5000 mg/kg                              |  |  |  |
| LD50 dermal (rat)   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |  |  |
| LC50 inhalation (rat) (Dust/Mist - mg/l/4h) > 5.2 mg/l/4h |  |  |  |
| Polysulphides, di-tert-Bu (68937-96-2)                    |  |  |  |
| LD50 oral (rat)   | > 2000 mg/kg 401 Acute Oral Toxicity   |  |  |
| LD50 dermal (rat) > 2000 mg/kg 402 Acute Dermal Toxicity  |  |  |  |
| Polysulfides, di-tert-dodecyl (68425-15-0)                |  |  |  |
| LD50 dermal (rat) > 2000 mg/kg 402 Acute Dermal Toxicity  |  |  |  |
| Skin corrosion/irritation : Not classified                |  |  |  |

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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

| 1-decene,homopolymer,hydrogenated (68037-01-4)                     |  |  |  |
|--|--|--|--|
| NOAEL (subacute, oral, animal/male, 28 days) 6245 mg/kg bodyweight |  |  |  |
| NOAEL (oral, rat, 90 days)   | 4159.4 mg/kg bodyweight/day  |  |  |
| Polysulphides, di-tert-Bu (68937-96-2)                             |  |  |  |
| NOAEL (oral, rat, 90 days)   | 100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-<br>Day Oral Toxicity Study in Rodents), Guideline: EU Method B.7 (Repeated Dose (28<br>Days) Toxicity (Oral)) |  |  |
| Polysulfides, di-tert-dodecyl (68425-15-0)                         |  |  |  |
| NOAEL (subchronic, oral, 90 days) 1000 mg/kg bodyweight/day        |  |  |  |
| Aspiration hazard : Not classified                                 |  |  |  |

| 77300 - Industrial Synthetic Gear Oil 320      |                                 |  |
|--|---------------------------------|--|
| Viscosity, kinematic                           | 321.4 mm²/s @ 40°C (ASTM D7042) |  |
| 1-decene,homopolymer,hydrogenated (68037-01-4) |                                 |  |
| Viscosity, kinematic 46000000 mm²/s @40°C      |                                 |  |
| Polysulphides, di-tert-Bu (68937-96-2)         |                                 |  |
| Viscosity, kinematic 716.19 mm²/s @20°C        |                                 |  |

#### 11.2. Information on other hazards

No additional information available

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

| 1-decene,homopolymer,hydrogenated (68037-01-4)      |  |  |
|---|--|--|
| LC50 - Fish [1] > 1000 mg/l Rainbow trout           |  |  |
| EC50 - Crustacea [1] > 1000 mg/l Daphnia magna      |  |  |
| EC50 72h - Algae [1]                                | > 1000 mg/l Scenedesmus quadricauda      |  |
| NOEC chronic crustacea 125 mg/l Daphnia magna (21d) |  |  |
| NOEC chronic algae                                  | > 1000 mg/l Scenedesmus quadricauda (3h) |  |
| Polysulphides, di-tert-Bu (68937-96-2)              |  |  |
| LC50 - Fish [1] 0.088 mg/l Danio rerio              |  |  |
| EC50 - Crustacea [1] 63 mg/l Daphnia magna          |  |  |
| EC50 72h - Algae [1] > 100 mg/l                     |  |  |

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| Polysulfides, di-tert-dodecyl (68425-15-0)               |  |  |
|--|--|--|
| EC50 72h - Algae [1] > 100 mg/l Raphidocelis subcapitata |  |  |
| NOEC chronic fish  | > 0.00084 mg/l Pimephales promelas (32d) |  |

## 12.2. Persistence and degradability

| 77300 - Industrial Synthetic Gear Oil 320      |                            |  |
|--|----------------------------|--|
| Persistence and degradability                  | Rapidly degradable         |  |
| 1-decene,homopolymer,hydrogenated (68037-01-4) |                            |  |
| Persistence and degradability                  | Not readily biodegradable. |  |
| Biodegradation                                 | 2 % OECD TG 301 D (28d)    |  |
| Polysulphides, di-tert-Bu (68937-96-2)         |                            |  |
| Persistence and degradability                  | Not readily biodegradable. |  |
| Biodegradation                                 | 13 % OECD TG 301 B (28d)   |  |
| Polysulfides, di-tert-dodecyl (68425-15-0)     |                            |  |
| Persistence and degradability                  | Not readily biodegradable. |  |
| Biodegradation                                 | 0 % OECD 301F (28d)        |  |

## 12.3. Bioaccumulative potential

| 1-decene,homopolymer,hydrogenated (68037-01-4)        |              |  |
|---|--------------|--|
| Partition coefficient n-octanol/water (Log Pow)       | > 6.5 @ 20°C |  |
| Polysulphides, di-tert-Bu (68937-96-2)                |              |  |
| Bioconcentration factor (BCF REACH) 188               |              |  |
| Partition coefficient n-octanol/water (Log Pow) 5.6   |              |  |
| Polysulfides, di-tert-dodecyl (68425-15-0)            |              |  |
| Partition coefficient n-octanol/water (Log Pow) > 6.2 |              |  |

## 12.4. Mobility in soil

| 1-decene,homopolymer,hydrogenated (68037-01-4)                   |     |  |
|--|-----|--|
| Organic Carbon Normalized Adsorption Coefficient > 6.2 (Log Koc) |     |  |
| Polysulfides, di-tert-dodecyl (68425-15-0)                       |     |  |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc)       | 8.5 |  |

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

No additional information available

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## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance

with local, regional, national and/or international regulation. Disposal must be done

according to official regulations.

Additional information : Do not re-use empty containers.

European List of Waste (LoW, EC 2000/532) : 13 02 06\* - synthetic engine, gear and lubricating oils

## **SECTION 14: Transport information**

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

| ADR                                    | IMDG   | IATA                              | ADN                               | RID                               |  |
|--|--|-----------------------------------|-----------------------------------|-----------------------------------|--|
| 14.1. UN number or ID n                | 14.1. UN number or ID number                                 |                                   |                                   |                                   |  |
| Not regulated for transport            |  |                                   |                                   |                                   |  |
| 14.2. UN proper shipping               | g name   |                                   |                                   |                                   |  |
| Not applicable                         | Not applicable   | Not applicable                    | Not applicable                    | Not applicable                    |  |
| 14.3. Transport hazard c               | lass(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                    |  |
| 14.5. Environmental haz                | ards   |                                   |                                   |                                   |  |
| Dangerous for the environment: No      | Dangerous for the<br>environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |  |
| No supplementary information available |  |                                   |                                   |                                   |  |

## 14.6. Special precautions for user

#### **Overland transport**

No data available

#### Transport by sea

No data available

#### Air transport

No data available

## Inland waterway transport

No data available

## Rail transport

No data available

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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#### **SECTION 15: Regulatory information**

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

#### **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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

#### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

#### **Explosives Precursors Regulation (EU 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 (EC 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)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

| Indication of changes |  |          |
|-----------------------|--|----------|
| Section               | Changed item   | Comments |
|                       | Revision date  | Modified |
|                       | Supersedes   | Modified |
| 1.1                   | Name   | Added    |
| 2.2                   | EUH-statements                                       | Added    |
| 2.3                   | Other hazards not contributing to the classification | Removed  |
| 4.1                   | First-aid measures general                           | Added    |
| 4.1                   | First-aid measures for first aider                   | Added    |
| 5.2                   | Fire hazard  | Added    |
| 5.2                   | Explosion hazard                                     | Added    |
| 5.3                   | Firefighting instructions                            | Modified |
| 6.1                   | Emergency procedures                                 | Added    |
| 6.1                   | General measures                                     | Modified |

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| Indication of changes |                                   |          |
|-----------------------|-----------------------------------|----------|
| Section               | Changed item                      | Comments |
| 6.3                   | For containment                   | Modified |
| 7.1                   | Additional hazards when processed | Added    |
| 7.1                   | Handling temperature              | Removed  |
| 7.2                   | Packaging materials               | Added    |
| 7.2                   | Storage conditions                | Modified |
| 9                     | Viscosity, kinematic              | Modified |
| 9                     | Freezing point                    | Modified |
| 9                     | Flash point                       | Modified |
| 9                     | Density                           | Modified |
| 13.1                  | Additional information            | Added    |
| 13.1                  | Regional waste regulation         | Added    |
| 13.1                  | Sewage disposal recommendations   | Added    |
| 13.1                  | Waste disposal recommendations    | Modified |

| Abbreviations and acronyms: |   |  |
|-----------------------------|---|--|
| ACGIH                       | American Conference of Government Industrial Hygienists   |  |
| 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)   |  |
| CAS-No.                     | Chemical Abstract Service number  |  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |  |
| COD                         | Chemical oxygen demand (COD)  |  |
| CSA                         | Chemical safety assessment  |  |
| DMEL                        | Derived Minimal Effect level  |  |
| DNEL                        | Derived-No Effect Level   |  |
| EC-No.                      | European Community number   |  |
| EC50                        | Median effective concentration  |  |
| ED                          | Endocrine disruptor   |  |
| EN                          | European Standard   |  |
| EWC                         | European waste catalogue  |  |
| 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  |  |

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| Abbreviations and acronyms: |  |  |
|-----------------------------|--|--|
| LOAEL                       | Lowest Observed Adverse Effect Level   |  |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                              |  |
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                              |  |
| MAK                         | maximum workplace concentration  |  |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |  |
| NOAEL                       | No-Observed Adverse Effect Level   |  |
| NOEC                        | No-Observed Effect Concentration   |  |
| N.O.S.                      | Not Otherwise Specified  |  |
| OECD                        | Organisation for Economic Co-operation and Development                       |  |
| OEL                         | Occupational Exposure Limit  |  |
| OSHA                        | Occupational Safety Health Administration                                    |  |
| PBT                         | Persistent Bioaccumulative Toxic   |  |
| PNEC                        | Predicted No-Effect Concentration  |  |
| PPE                         | Personal protection equipment  |  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |  |
| SDS                         | Safety Data Sheet  |  |
| STP                         | Sewage treatment plant   |  |
| TF                          | Technical function   |  |
| ThOD                        | Theoretical oxygen demand (ThOD)   |  |
| TLM                         | Median Tolerance Limit   |  |
| TWA                         | Time Weighted Average  |  |
| VOC                         | Volatile Organic Compounds   |  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |  |
| UFI                         | Unique Formula Identifier  |  |

| Full text of H- and EUH-statements: |  |  |
|-------------------------------------|--|--|
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3  |  |
| Skin Sens. 1B                       | Skin sensitisation, category 1B  |  |
| H317                                | May cause an allergic skin reaction.   |  |
| H412                                | Harmful to aquatic life with long lasting effects.   |  |
| EUH208                              | Contains Polysulphides, di-tert-Bu(68937-96-2), Polysulfides, di-tert-dodecyl(68425-15-0). May produce an allergic reaction. |  |
| EUH210                              | Safety data sheet available on request.  |  |

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.