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

### 1.1. Product identifier

**Trade name or designation of the mixture** LUB VIB 400 GREASE

**Registration number** -

**UFI:**

EU: RQS1-T0N4-N00P-CDK8

**Synonyms** None.

**Product code** C33049-NTN

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

**Identified uses** Lubricant grease

**Uses advised against** Not available.

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

**Supplier**

**Company name** NTN EUROPE

**Address** 1, rue des Usines
BP 2017
74000 ANNECY
FR

**Division**

**Telephone** Tel.: +33 (0)4 50 65 30 00
Fax: +33 (0)4 50 65 32 91

**e-mail** fds@ntn-snr.fr

**Contact person** Service Laboratoire NTN EUROPE

### 1.4. Emergency telephone number

Emergency Tel. (Office hours) +33 (0)4 50 65 97 55

Emergency Tel. (France) ORFILA (INRS)
+ 33 (0)1 45 42 59 59

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classificatior applies.

**Classification according to Regulation (EC) No 1272/2008 as amended**

**Health hazards**

| | | |
|---|---|---|
| Serious eye damage/eye irritation | Category 2 | H319 - Causes serious eye irritation. |

### 2.2. Label elements

**Label according to Regulation (EC) No. 1272/2008 as amended**

**Hazard pictograms**

**Signal word** Warning

**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

**Prevention**

P264 Wash thoroughly after handling.
P280 Wear eye protection/face protection.

**Response**

P337 + P313 If eye irritation persists: Get medical advice/attention.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Supplemental label information** None.

**2.3. Other hazards** This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**General information**

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---|---|---|---|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | 50 - < 60 | 64742-54-7*<br>265-157-1 | 01-2119484627-25-XXXX | 649-467-00-8 | |
| **Classification:** Asp. Tox. 1;H304 | | | | | |
| Mineral oil | 10 - < 20 | N/D<br>- | - | - | |
| **Classification:** Asp. Tox. 1;H304 | | | | | |
| Calcium dodecylbenzenesulphonate | 1 - < 3 | 26264-06-2<br>247-557-8 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Eye Dam. 1;H318, Aquatic Chronic 4;H413 | | | | | |
| Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters | < 0,3 | 125643-61-0<br>406-040-9 | 01-0000015551-76-XXXX | 607-530-00-7 | |
| **Classification:** Aquatic Chronic 4;H413 | | | | | |
| Bis(4-(1,1,3,3-tetramethylbutyl)phenyl )amine | < 0,3 | 15721-78-5<br>239-816-9 | 01-2119980747-20-XXXX | - | |
| **Classification:** - | | | | | |

**List of abbreviations and symbols that may be used above**

CLP: Regulation No. 1272/2008. "-" = Not available or this substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.
ATE: Acute toxicity estimate.
M: M-factor
vPvB: very persistent and very bioaccumulative substance.
PBT: persistent, bioaccumulative and toxic substance.
#: This substance has been assigned Union workplace exposure limit(s).
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** Occupational Exposure Limits for constituents are listed in Section 8. The full text for all H-statements is displayed in section 16.

- Contains : Mineral oil. DMSO Extract < 3% according to IP 346 Method.
(*) Paraffinic mineral oil can be described by one of the following CAS numbers: 64741-88-4; 64741-89-5; 64742-54-7; 64742-55-8; 64742-56-9; 64742-65-0; 64742-62-7; 72623-86-0; 72623-87-1; 101316-69-2; 101316-72-7

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**4.1. Description of first aid measures**

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

**General fire hazards** Will burn if involved in a fire. No unusual fire or explosion hazards noted.

**5.1. Extinguishing media**

**Suitable extinguishing media** Foam. Dry chemicals. Carbon dioxide (CO2). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** See also section 10.

**5.3. Advice for firefighters**

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire fighting procedures** In case of fire and/or explosion do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

**Specific methods** In the event of fire and/or explosion do not breathe fumes.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**For emergency responders** Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions** Local authorities should be advised if significant spillages cannot be contained. Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Large Spills: Stop the flow of material, if this is without risk. Following product recovery, flush area with water.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash hands after handling. Handle in accordance with good industrial hygiene and safety practices. Adequate ventilation should be provided so that exposure limits are not exceeded.

**7.2. Conditions for safe storage, including any incompatibilities** Keep away from heat and sources of ignition. Store in closed original container in a dry place. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)** Observe industrial sector guidance on best practices.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limits**

**Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001, as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | MAK | 5 mg/m3 | Respirable fraction. |
| | | 10 mg/m3 | Inhalable fraction. |
| | STEL | 20 mg/m3 | Inhalable fraction. |
| | | 10 mg/m3 | Respirable fraction. |

**Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | TWA | 1 fibers/cm3 | Respirable fraction. |
| | | 10 mg/m3 | Inhalable fraction. |
| | | 10 mg/m3 | |
| Distillates (petroleum), hydrotreated heavy paraffinic | TWA | 5 mg/m3 | |

**Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | MAC | 4 mg/m3 | Respirable dust. |
| | | 10 mg/m3 | Total dust. |

**Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended**

| Components | Type | Value |
|---|---|---|
| Calcium carbonate (CAS 471-34-1) | TWA | 10 mg/m3 |

**Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | STEL | 20 mg/m3 | Dust. |
| | | 10 mg/m3 | Respirable dust. |
| | | 1 mg/m3 | Respirable quartz fraction. |
| | TLV | 5 mg/m3 | Respirable dust. |
| | | 10 mg/m3 | Dust. |
| | | 0,5 mg/m3 | Respirable quartz fraction. |
| Distillates (petroleum), hydrotreated heavy paraffinic | STEL | 2 mg/m3 | Mist. |
| | TLV | 1 mg/m3 | Mist. |

**Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | TWA | 10 mg/m3 | Dust. |
| Distillates (petroleum), hydrotreated heavy paraffinic | TWA | 5 mg/m3 | Mist. |

**Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | TWA | 1 mg/m3 | Mist. |

**Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended**

| Components | Type | Value |
|---|---|---|
| Calcium carbonate (CAS 471-34-1) | TWA | 6 mg/m3 |
| Distillates (petroleum), hydrotreated heavy paraffinic | TWA | 5 mg/m3 |

**Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | TWA | 5 mg/m3 | Respirable fraction. |
| | | 10 mg/m3 | Inhalable fraction. |

**Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | STEL | 3 mg/m3 | Fume and mist. |
| | TWA | 1 mg/m3 | Fume and mist. |

**Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | TWA | 10 mg/m3 | Inhalable fraction. |
| Distillates (petroleum), hydrotreated heavy paraffinic | STEL | 10 mg/m3 | |
| | TWA | 5 mg/m3 | |

**Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)**

| Components | Type | Value | Form |
|---|---|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | STEL | 3 mg/m3 | Fume and mist. |
| | | 15 ppm | Fume and mist. |
| | TWA | 1 mg/m3 | Fume and mist. |
| | | 5 ppm | Fume and mist. |

**Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Ann. I 100/2001), as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | KTV | 20 mg/m3 | Inhalable fraction. |
| | | 2,5 mg/m3 | Respirable fraction. |

**Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Calcium carbonate (CAS 471-34-1) | TWA | 10 mg/m3 | Inhalable fraction. |
| | | 1,25 mg/m3 | Respirable fraction. |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures**

**Additional exposure data** Occupational Exposure Limits are not relevant to the current physical form of the product.

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

| | |
|---|---|
| **Exposure guidelines** | Occupational Exposure Limits are not relevant to the current physical form of the product. |

**8.2. Exposure controls**

| | |
|---|---|
| **Appropriate engineering controls** | Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas. Provide eyewash station. |

**Individual protection measures, such as personal protective equipment**

| | |
|---|---|
| **General information** | Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. |
| **Eye/face protection** | Wear safety glasses with side shields (or goggles). |
| **Skin protection** | |
| **- Hand protection** | For prolonged or repeated skin contact use suitable protective gloves. Suitable gloves can be recommended by the glove supplier. |
| **- Other** | Wear suitable protective clothing. |
| **Respiratory protection** | In case of insufficient ventilation, wear suitable respiratory equipment. |
| **Thermal hazards** | Wear appropriate thermal protective clothing, when necessary. |
| **Hygiene measures** | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |
| **Environmental exposure controls** | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels. |

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

| | |
|---|---|
| **Physical state** | Solid. |
| **Form** | Solid. Paste. |
| **Colour** | Beige to Brown |
| **Odour** | Not available. |
| **Melting point/freezing point** | Not available. |
| **Boiling point or initial boiling point and boiling range** | Not available. |
| **Flammability** | Not available. |

**Upper/lower flammability or explosive limits**

| | |
|---|---|
| **Explosive limit - lower ( %)** | Not available. |
| **Explosive limit – upper (%)** | Not available. |

| | |
|---|---|
| **Flash point** | >220,0 °C (>428,0 °F) Open cup |
| **Auto-ignition temperature** | Not available. |
| **Decomposition temperature** | Not available. |
| **pH** | Not applicable |
| **Kinematic viscosity** | Not available. |

**Solubility**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water) (log value)** Not available.

**Vapour pressure** Not available.

**Density and/or relative density**

**Relative density** > 1 - < 1,08

**Vapour density** Not available.

**Particle characteristics** Not available.

**9.2. Other information**

**9.2.1. Information with regard to physical hazard classes** No relevant additional information available.

**9.2.2. Other safety characteristics**

**Explosive properties** Not available.

## SECTION 10: Stability and reactivity

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

**10.2. Chemical stability** Material is stable under normal conditions.

**10.3. Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid** Contact with incompatible materials.

**10.5. Incompatible materials** Strong oxidising agents.

**10.6. Hazardous decomposition products** Nitrogen compounds. Sulphur compounds.

## SECTION 11: Toxicological information

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity** Not known.

| Components | Species | Test Results |
|---|---|---|
| Calcium dodecylbenzenesulphonate (CAS 26264-06-2) | | |
| **Acute** | | |
| **Oral** | | |
| LD50 | | 1300 mg/kg |
| Distillates (petroleum), hydrotreated heavy paraffinic | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rat | > 5000 mg/kg |
| **Oral** | | |
| LD50 | Rat | > 5000 mg/kg |

**Skin corrosion/irritation** Not classified.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory sensitisation** Not classified.

**Skin sensitisation** Not classified.

| | |
|---|---|
| **Germ cell mutagenicity** | Not classified. |
| **Carcinogenicity** | Not classified. |
| **Reproductive toxicity** | Not classified. |
| **Specific target organ toxicity - single exposure** | Not classified. |
| **Specific target organ toxicity - repeated exposure** | Not classified. |
| **Aspiration hazard** | Based on available data, the classification criteria are not met. |
| **Mixture versus substance information** | No information available. |

**11.2. Information on other hazards**

| | |
|---|---|
| **Endocrine disrupting properties** | This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |
| **Other information** | Not available. |

## SECTION 12: Ecological information

| | |
|---|---|
| **12.1. Toxicity** | Based on available data, the classification criteria are not met for hazardous to the aquatic environment. |
| **12.2. Persistence and degradability** | (calculated) Water hazard class (WGK) [Germany] : 1. |
| **12.3. Bioaccumulative potential** | |
| **Partition coefficient n-octanol/water (log Kow)** | Not available. |
| **12.4. Mobility in soil** | No data available. |
| **12.5. Results of PBT and vPvB assessment** | This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. |
| **12.6. Endocrine disrupting properties** | This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |
| **12.7. Other adverse effects** | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

| | |
|---|---|
| **Residual waste** | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| **Contaminated packaging** | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| **EU waste code** | Waste codes should be assigned by the user based on the application for which the product was used. |
| **Disposal methods/information** | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in accordance with local/regional/national/international regulations. |

**Special precautions** Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

**ADR**

**14.1. UN number** Not regulated as dangerous goods.
**14.2. UN proper shipping name** Not regulated as dangerous goods.
**14.3. Transport hazard class(es)**
**Class** Not assigned.
**Subsidiary hazard** -
**Hazard No. (ADR)** Not assigned.
**Tunnel restriction code** Not assigned.
**14.4. Packing group** -
**14.5. Environmental hazards** No.
**14.6. Special precautions for user** Not assigned.

**IATA**

**14.1. UN number** Not regulated as dangerous goods.
**14.2. UN proper shipping name** Not regulated as dangerous goods.
**14.3. Transport hazard class(es)**
**Class** Not assigned.
**Subsidiary hazard** -
**14.4. Packing group** -
**14.5. Environmental hazards** No.
**14.6. Special precautions for user** Not assigned.

**IMDG**

**14.1. UN number** Not regulated as dangerous goods.
**14.2. UN proper shipping name** Not regulated as dangerous goods.
**14.3. Transport hazard class(es)**
**Class** Not assigned.
**Subsidiary hazard** -
**14.4. Packing group** -
**14.5. Environmental hazards**
**Marine pollutant** No.
**EmS** Not assigned.
**14.6. Special precautions for user** Not assigned.

**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**

**EU regulations**

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

**Authorisations**

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

**Restrictions on use**

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered**

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7*)

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended**

Not listed.

| | |
|---|---|
| **Other regulations** | The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended. |
| **National regulations** | Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended. |
| **15.2. Chemical safety assessment** | No Chemical Safety Assessment has been carried out. |

## SECTION 16: Other information

**List of abbreviations**

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.
MAC: Maximum Allowed Concentration.
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TLV: Threshold Limit Value.
TWA: Time Weighted Average.
VLE: Exposure Limit Value.
VME: Exposure Average Value.
vPvB: Very persistent and very bioaccumulative.

**References** Not available.

**Information on evaluation method leading to the classification of mixture** The classification for health and environmental hazards is derived by a combination of calculatior methods and test data, if available.

**Full text of any statements, which are not written out in full under sections 2 to 15**

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H413 May cause long lasting harmful effects to aquatic life.

**Revision information** None.

**Training information** Follow training instructions when handling this material.