

# SAFETY DATA SHEET

B-Cool 755

## 1. Product and company identification

**Product name** : B-Cool 755  
**Product code** : 11755-03  
**Date of issue/ Date of revision** : 6/20/2025  
**Version** : 1.05

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

| Identified uses                              |
|----------------------------------------------|
| Industrial use only.<br>Metal working fluids |
| Uses advised against                         |
| Consumer use.                                |

**Manufacturer** : BLASER SWISSLUBE AG  
Winterseistrasse 22  
CH-3415 Hasle-Rüegsau  
Switzerland  
Tel: +41 (0)34 460 01 01  
E-Mail: contact@blaser.com

**Supplier's details** : Blaser Swisslube Japan Co.Ltd  
BPR Place Hisaya Odori 10F,  
3-20-3 Marunouchi Naka-ku 460-0002 Nagoya Aichi  
Tel: +81 52-750-7560  
E-Mail: info-japan@blaser.com

**e-mail address of person responsible for this SDS** : reach@blaser.com

**Emergency telephone number (with hours of operation)** : 0120 015 230 (24時間/7日)

## 2. Hazards identification

**GHS Classification** : SKIN IRRITATION - Category 2  
EYE IRRITATION - Category 2A  
SKIN SENSITIZATION - Category 1  
TOXIC TO REPRODUCTION - Category 2  
HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD - Category 3

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

## 2. Hazards identification

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statements</b>        | : H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H361 - Suspected of damaging fertility or the unborn child.<br>H412 - Harmful to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                                       |
| <b>Precautionary statements</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>General</b>                  | : Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Prevention</b>               | : P201 - Obtain special instructions before use.<br>P202 - Do not handle until all safety precautions have been read and understood.<br>P280 - Wear protective gloves, protective clothing and eye or face protection.<br>P273 - Avoid release to the environment.<br>P261 - Avoid breathing vapor.<br>P264 - Wash thoroughly after handling.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.                                                                                                             |
| <b>Response</b>                 | : P308 + P313 - IF exposed or concerned: Get medical advice or attention.<br>P302 + P352 - IF ON SKIN: Wash with plenty of water.<br>P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.<br>P362 + P364 - Take off contaminated clothing and wash it before reuse.<br>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.<br>Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337 + P313 - If eye irritation persists: Get medical advice or attention. |
| <b>Storage</b>                  | : P405 - Store locked up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Disposal</b>                 | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                                                                                                                                                                                                                                                                                                                                                                                 |

## 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name                                                         | Identifiers     | CSCL                      | %         |
|-------------------------------------------------------------------------|-----------------|---------------------------|-----------|
| Distillates (petroleum), hydrotreated heavy naphthenic                  | CAS: 64742-52-5 | (9)-1703                  | ≥30 - ≤50 |
| Alcohols, C16-18, ethoxylated propoxylated                              | CAS: -          | 7-97                      | ≥10 - ≤25 |
| 1-aminopropan-2-ol                                                      | CAS: 78-96-6    | 2-323                     | ≤10       |
| Fatty acids, tall-oil, reaction products with acrylic acid              | CAS: -          | 7-672                     | ≤10       |
| Phosphoric acid, C11-14-isoalkyl esters, C13-rich                       | CAS: 52933-07-0 | 2-1986                    | ≤5.0      |
| 2-amino-2-ethylpropanediol                                              | CAS: 115-70-8   | 2-319                     | ≤3.0      |
| 2-amino-2-methylpropanol                                                | CAS: 124-68-5   | 9-118                     | ≤3.0      |
| Phosphoric acid, mono- and bis(C16-20-branched and linear alkyl) esters | CAS: 97468-33-2 | 2-1986                    | ≤3.0      |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine                             | CAS: 110-25-8   | 2-1222; 2-1226;<br>2-2679 | ≤3.0      |
| Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.                         | CAS: 61791-44-4 | (7)-60                    | <1.0      |
| dicyclohexylamine                                                       | CAS: 101-83-7   | 3-2259; 3-2686            | <1.0      |
| 2-aminobutan-1-ol                                                       | CAS: 96-20-8    | 2-316                     | ≤0.30     |
| pyridine-2-thiol 1-oxide, sodium salt                                   | CAS: 3811-73-2  | 9-1473                    | ≤0.10     |
| 2-n-butyl-benzo[d]isothiazol-3-one                                      | CAS: 4299-07-4  | 5-6512                    | <0.10     |

### 3. Composition/information on ingredients

#### Additional information :

Neutralisation product: Equilibrium of Ionic Pairs according to REACH Annex V, 4.

### 4. First aid measures

- Inhalation** : Avoid breathing vapor or mist. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes. Check for and remove any contact lenses. Get medical attention.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Eye contact** : Causes serious eye irritation.

##### Over-exposure signs/symptoms

- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

## 4. First aid measures

- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

## 5. Fire-fighting measures

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.
- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## 7. Handling and storage

### Handling

#### Protective measures

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### Storage

#### Conditions for safe storage

: Store between the following temperatures: 0 to 40°C (32 to 104°F). Shelf life: 24 months. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## 8. Exposure controls/personal protection

### Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Occupational exposure limits

Distillates (petroleum), hydrotreated heavy naphthenic

**Japan Society for Occupational Health  
(Japan, 5/2023) [Oil mist, mineral]**  
 OEL-M 8 hours: 3 mg/m<sup>3</sup>. Form: Mist.

### Biological exposure indices

No exposure indices known.

### Individual protection measures

#### Respiratory protection

: A respirator is not needed under normal and intended conditions of product use. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

#### Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Wear suitable gloves tested to EN374. Nitrile gloves. thickness 0.3 mm (minimum) .

## 8. Exposure controls/personal protection

- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved before handling this product.

## 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

- Physical state** : Liquid.
- Color** : Yellowish.
- Odor** : Amine-like.
- pH** : 8.6 to 9.6 [Conc. (% w/w): 5%]
- Melting point/freezing point** : Not available.
- Softening point** : Not available.
- Pour point** : <0°C
- Boiling point or initial boiling point and boiling range** : Not available.
- Flash point** : Open cup: Not applicable.
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : Not available.
- Relative vapor density** : Not available.
- Relative density** : Not available.
- Density** : 0.95 g/cm<sup>3</sup> [20°C]
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C): 129.1 mm<sup>2</sup>/s (129.1 cSt)
- Particle characteristics**
- Median particle size** : Not applicable.

## 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : Shelf life: 24 months.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.

## 10. Stability and reactivity

**Incompatible materials** : No specific data.

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

## 11. Toxicological information

### Acute toxicity

| Product/ingredient name                                                  | Result                                                                                                                                                                                                |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic                   | <b>Rabbit - Dermal - LD50</b><br>>5000 mg/kg                                                                                                                                                          |
| -                                                                        | <b>Rat - Oral - LD50</b><br>>5000 mg/kg                                                                                                                                                               |
| Alcohols, C16-18, ethoxylated propoxylated                               | <b>Rat - Oral - LD50</b><br>>2000 mg/kg                                                                                                                                                               |
| 1-aminopropan-2-ol                                                       | <b>Rat - Oral - LD50</b><br>2098 mg/kg                                                                                                                                                                |
| -                                                                        | <b>Rabbit - Dermal - LD50</b><br>1851 mg/kg                                                                                                                                                           |
| Fatty acids, tall-oil, reaction products with acrylic acid               | <b>Rat - Oral - LD50</b><br>6176 mg/kg<br><u>Toxic effects:</u> Lung, Thorax, or Respiration - Dyspnea<br>Gastrointestinal - Gastritis Gastrointestinal - Ulceration or bleeding from small intestine |
| Phosphoric acid, C11-14-isoalkyl esters, C13-rich                        | <b>Rat - Oral - LD50</b><br>>2000 mg/kg                                                                                                                                                               |
| -                                                                        | <b>Rat - Dermal - LD50</b><br>>2000 mg/kg                                                                                                                                                             |
| 2-amino-2-ethylpropanediol                                               | <b>Rat - Dermal - LD50</b><br>>2000 mg/kg                                                                                                                                                             |
| 2-amino-2-methylpropanol                                                 | <b>Rabbit - Dermal - LD50</b><br>>2000 mg/kg                                                                                                                                                          |
| Phosphoric acid, mono- and bis (C16-20-branched and linear alkyl) esters | <b>Rat - Oral - LD50</b><br>>5000 mg/kg                                                                                                                                                               |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine                              | <b>Rat - Oral - LD50</b><br>>5000 mg/kg                                                                                                                                                               |
| Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.                          | <b>Rat - Oral - LD50</b><br>1350 mg/kg                                                                                                                                                                |
| -                                                                        | <b>Rabbit - Dermal - LD50</b><br>>2000 mg/kg                                                                                                                                                          |
| dicyclohexylamine                                                        | <b>Rat - Oral - LD50</b><br>200 mg/kg                                                                                                                                                                 |
| -                                                                        | <b>Rabbit - Dermal - LD50</b><br>200 mg/kg                                                                                                                                                            |
| pyridine-2-thiol 1-oxide, sodium salt                                    | <b>Rabbit - Dermal - LD50</b><br>1800 mg/kg                                                                                                                                                           |
| -                                                                        | <b>Rat - Female - Oral - LD50</b><br>1208 mg/kg                                                                                                                                                       |
| 2-n-butyl-benzo[d]isothiazol-3-one                                       | <b>Rat - Dermal - LD50</b><br>>2000 mg/kg                                                                                                                                                             |
| -                                                                        | <b>Rat - Oral - LD50</b><br>4267 to 4732 mg/kg                                                                                                                                                        |

### Acute toxicity estimates



## 11. Toxicological information

| Product/ingredient name                                    | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|------------------------------------------------------------|--------------|----------------|--------------------------|----------------------------|-------------------------------------|
| B-Cool 755                                                 | >2000        | >2000          | N/A                      | N/A                        | 47.1                                |
| Alcohols, C16-18, ethoxylated propoxylated                 | 2500         | N/A            | N/A                      | N/A                        | N/A                                 |
| 1-aminopropan-2-ol                                         | 2098         | 1851           | N/A                      | N/A                        | N/A                                 |
| Fatty acids, tall-oil, reaction products with acrylic acid | 6176         | N/A            | N/A                      | N/A                        | N/A                                 |
| Phosphoric acid, C11-14-isoalkyl esters, C13-rich          | 2500         | 2500           | N/A                      | N/A                        | N/A                                 |
| 2-amino-2-ethylpropanediol                                 | N/A          | 2500           | N/A                      | N/A                        | N/A                                 |
| 2-amino-2-methylpropanol                                   | N/A          | 2500           | N/A                      | N/A                        | N/A                                 |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine                | N/A          | N/A            | N/A                      | N/A                        | 1.5                                 |
| Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.            | 1350         | 2500           | N/A                      | N/A                        | N/A                                 |
| dicyclohexylamine                                          | 200          | 300            | N/A                      | N/A                        | N/A                                 |
| 2-aminobutan-1-ol                                          | 500          | N/A            | N/A                      | N/A                        | N/A                                 |
| pyridine-2-thiol 1-oxide, sodium salt                      | 500          | 790            | N/A                      | N/A                        | 0.5                                 |
| 2-n-butyl-benzo[d]isothiazol-3-one                         | 2500         | 2500           | N/A                      | N/A                        | N/A                                 |

**Conclusion/Summary [Product]** : Not available.

### Skin corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : pH value - Used for classification

### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : pH value - Used for classification

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### Skin

**Conclusion/Summary [Product]** : Not available.

### Respiratory

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.



## 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Reproductive toxicity

#### **Product/ingredient name**

1-aminopropan-2-ol

#### **Result**

**Mammal - species unspecified - Unreported**

Fertility effects: Equivocal

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

pyridine-2-thiol 1-oxide, sodium salt

#### **Result**

**SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (nervous system) - Category 1**

### Aspiration hazard

Not available.

## 12. Ecological information

### Ecotoxicity

#### **Product/ingredient name**

Alcohols, C16-18, ethoxylated propoxylated

#### **Result**

##### **LC50**

OECD 203

Fish

>100 mg/l [96 hours]

##### **Acute - LC50 - Fresh water**

Fish - Goldfish - *Carassius auratus*

Size: 6.2 cm; Weight: 3.3 g

210 mg/l [96 hours]

Effect: Mortality

##### **EC50**

Algae - Algae

150 mg/l [72 hours]

##### **EC50**

Daphnia - Daphnia

6.3 mg/l [48 hours]

##### **LC50**

Fish

24 mg/l [96 hours]

##### **NOEC**

Algae - Algae

110 mg/l

1-aminopropan-2-ol

##### **LC50**

Daphnia

193 mg/l [48 hours]

##### **LC50**

Fish

1 to 10 mg/l [96 hours]

##### **Acute - LC50**

Fish

12 mg/l [96 hours]

Phosphoric acid, C11-14-isoalkyl esters, C13-rich

-

-

-

2-amino-2-methylpropanol

(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

dicyclohexylamine

## 12. Ecological information

|                                       |                                                        |
|---------------------------------------|--------------------------------------------------------|
| -                                     | <b>Acute - EC50</b><br>Daphnia<br>8 mg/l [48 hours]    |
| -                                     | <b>Acute - NOEC</b><br>Daphnia<br>0.016 mg/l [21 days] |
| -                                     | <b>LC50</b><br>Algae<br>0.38 mg/l [72 hours]           |
| -                                     | <b>NOEC</b><br>Algae<br>0.013 mg/l [72 hours]          |
| 2-aminobutan-1-ol                     | <b>LC50</b><br>Fish - Goldfish<br>270 mg/l [4 days]    |
| -                                     | <b>NOEC</b><br>Algae<br>0.11 mg/l [4 days]             |
| pyridine-2-thiol 1-oxide, sodium salt | <b>EC50</b><br>Daphnia<br>0.0088 mg/l [48 hours]       |
| -                                     | <b>EC50</b><br>Algae<br>0.0012 mg/l [72 hours]         |
| 2-n-butyl-benzo[d]isothiazol-3-one    | <b>EC50</b><br>Daphnia<br>0.093 mg/l [48 hours]        |
| -                                     | <b>EC50</b><br>Algae<br>0.45 mg/l [72 hours]           |
| -                                     | <b>LC50</b><br>Fish<br>0.15 mg/l [96 hours]            |

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

| Product/ingredient name                     | Aquatic half-life | Photolysis      | Biodegradability |
|---------------------------------------------|-------------------|-----------------|------------------|
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine | -                 | 85%; <28 day(s) | Readily          |
| 2-aminobutan-1-ol                           | -                 | 93%; <28 day(s) | Readily          |

### Bioaccumulative potential

| Product/ingredient name                     | LogP <sub>ow</sub> | BCF | Potential |
|---------------------------------------------|--------------------|-----|-----------|
| 2-aminopropan-2-ol                          | -0.96              | -   | Low       |
| 2-amino-2-methylpropanol                    | -0.63              | -   | Low       |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine | 3.5 to 4.2         | -   | Low       |
| dicyclohexylamine                           | 2.724              | -   | Low       |
| 2-aminobutan-1-ol                           | -0.45              | -   | Low       |

### Mobility in soil

## 12. Ecological information

**Soil/Water partition coefficient** : Not available.

### Hazardous to the ozone layer

Not applicable.

### Other adverse effects

No known significant effects or critical hazards.

## 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

|                                   | UN             | IMDG           | IATA           |
|-----------------------------------|----------------|----------------|----------------|
| <b>UN number</b>                  | Not regulated. | Not regulated. | Not regulated. |
| <b>UN proper shipping name</b>    | -              | -              | -              |
| <b>Transport hazard class(es)</b> | -              | -              | -              |
| <b>Packing group</b>              | -              | -              | -              |
| <b>Environmental hazards</b>      | No.            | No.            | No.            |

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.

## 15. Regulatory information

### Fire Service Law

#### **Class**

Non-dangerous goods

### Industrial Safety and Health Act

Not applicable.

## 15. Regulatory information

### Substance(s) requiring labelling

| Ingredient name                      | %         | Status | Reference number   |
|--------------------------------------|-----------|--------|--------------------|
| Mineral oil                          | ≥30 - ≤50 | Listed | 581                |
| 1-Aminopropan-2-ol(2025-04)          | ≤10       | Listed | 2-100<br>(2025-04) |
| 2-Amino-2-methyl-1-propanol(2025-04) | ≤3.0      | Listed | 2-110<br>(2025-04) |

### Chemicals requiring notification

| Ingredient name                      | %         | Status | Reference number   |
|--------------------------------------|-----------|--------|--------------------|
| Mineral oil                          | ≥30 - ≤50 | Listed | 581                |
| 1-Aminopropan-2-ol(2025-04)          | ≤10       | Listed | 2-100<br>(2025-04) |
| 2-Amino-2-methyl-1-propanol(2025-04) | ≤3.0      | Listed | 2-110<br>(2025-04) |
| -                                    | ≤1.0      | Listed | 867                |

Chemical substances that cause skin disorders, etc. and other chemical substances that must be handled with impermeable protective equipment etc. based on special chemical regulations. (Article 594-2 Paragraph 1 of Ordinance on ISH)

| Ingredient name          | CAS      | %    | Status                               | Remarks |
|--------------------------|----------|------|--------------------------------------|---------|
| 1-aminopropan-2-ol       | 78-96-6  | ≤10  | Skin irritating hazardous substances | -       |
| 2-amino-2-methylpropanol | 124-68-5 | ≤3.0 | Skin irritating hazardous substances | -       |

**Corrosive liquid** : Not listed

**ISHL Enforcement Order** : Not applicable.

**Appendix 1 - Dangerous Substances**

### Pollutant Release and Transfer Registers (PRTR)

| Ingredient name                                  | %    | Date of revision | Class   | Reference number |
|--------------------------------------------------|------|------------------|---------|------------------|
| 2-[Methyl-[(Z)-octadec-9-enoyl]amino]acetic acid | 1.89 | 4/1/2023         | Class 1 | 739              |

## 16. Other information

### History

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**Prepared by** : Product Stewardship Blaser Swissslube AG

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

## 16. Other information

N/A = Not available

SGG = Segregation Group

UN = United Nations

### Procedure used to derive the classification

| Classification                                                                                                                                                                                              | Justification                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| SKIN IRRITATION - Category 2<br>EYE IRRITATION - Category 2A<br>SKIN SENSITIZATION - Category 1<br>TOXIC TO REPRODUCTION - Category 2<br>HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD - Category 3 | Expert judgment<br>Expert judgment<br>Calculation method<br>Calculation method<br>Calculation method |

### IP346:

The contained refined mineral oils are exempt of labelling. The content of polycyclic aromatic hydrocarbons (PCA) according to IP346 is < 3% (DMSO-extract).

### References

: Not available.

Indicates information that has changed from previously issued version.

### Notice to reader

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