

# SAFETY DATA SHEET

**Blue Soft**

**UNICARE (CHEMICALS) LTD**

## 1 Identification

**GHS Product Identifier:**

**BLUE SOFT**

**Other means of identification:**

Fabric Softener

**Recommended use of the chemical and restriction on use:**

Fabric Softener

**Supplier's details:**

Unicare (Chemicals) Ltd Aradhippou Industrial area

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**Tel.:** +357 24531766, +357 24533765

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**Emergency phone number**

1401

## 2 Hazard(s) identification

**Classification of the substance or mixture**

***According to regulation (EC) No 1272/2008 [CLP]***

The product is not classified according to CLP.

**GHS Label Element:** None

**Signal Word:** None

**Hazard Statements:**

None

**Precautionary Statement**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

If skin irritation or rash occurs: Get medical advice/attention

Dispose of contents/container to appropriate waste according to national / local regulations.

**Other hazards which do not result in classification**

**Results of PBT and vPvB assessment**

- PBT: Not applicable.
- vPvB: Not applicable.

### 3 Composition/information on ingredients

#### Mixture

Description	- CAS Number - EINECS Number - Reach registration number	Concentration (% w/w)	Note / Classification
Fatty acids, tallow, reaction products with triethanolamine, di-Me sulfate-quaternized (Esterquat)	- 297-088-8 - 93334-15-7 - N/A	3 - 5	Skin Irrit. 2, H315; Eye Dam. 1, H318; Flam. Gas 1, H220
Isopropanol	- 67-63-0 - 200-661-7 - N/A	0.3 - 0.5	Eye Irrit. 2, H319; Flam. Gas 1, H220; STOT SE 3, H336
5-chloro-2-methyl-4-thiazoline-3-one and methyl-4-thiazoline-3-one	- 26172-55-4 - 247-500-7 - N/A	< 0.05 – 0.2	Acute Tox. 1, H300, H310, H330; Skin Corr. 1, H314; Eye dam. 1, H318; STOT SE 3, H335, Aquatic Acute 1, H400; Aquatic Chronic 1, H410

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

### 4 First-aid measures

#### Description of first aid measures

Remove contaminated clothes.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water. If symptoms persist, seek medical advice.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

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

Further important symptoms and effects are so far not known.

#### Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms. No other relevant information are available.

### 5 Fire-fighting measures

#### Extinguishing media

##### Flash Point & Method

None

##### Suitable Extinguishing Media

Pulverized water, foam, dry chemical & carbon dioxide

#### Specific hazards arising from the chemical

Carbon monoxide, carbon dioxide, phosphorus oxides, hydrogen fluoride, formaldehyde, as well as other toxic vapours and gases which are common to thermal degradation (in case of fire) of organic compounds.

### **Special protective actions for fire-fighters**

Wear self-contained breathing apparatus and full protective gear.

## **6 Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Not necessary.

### **Environmental precautions**

Do not allow to enter sewers/surface or ground water.

### **Methods and materials for containment and cleaning up**

For residues: Pick up with suitable absorbent material.

Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid the spillage or runoff entering drains, sewers or watercourses. Flush away spillage with plenty of water.

Dispose of absorbed material in accordance with regulations.

## **7 Handling and storage**

### **Precautions for safe handling**

No special measures necessary provided product is used correctly.

### **Protection against fire and explosion**

No special precautions necessary.

### **Conditions for safe storage, including any incompatibilities**

No special precautions necessary.

#### **Storage stability:**

Storage temperature: 10 - 40 °C

The packed product is not damaged by low temperatures or by frost. Bulk must be protected from solidification.

Protect from temperatures above: 70 °C

### **Specific end use(s)**

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

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

### **Control parameters**

**Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### **Components with DNEL**

#### **67-63-0: Isopropanol**

worker: Long-term exposure-systemic effects, Inhalation: 500 mg/m<sup>3</sup>

worker: Long-term exposure-systemic effects, dermal: 88 mg/kg bw/day

consumer: Long-term exposure-systemic effects, Inhalation: 89 mg/m<sup>3</sup>

consumer: Long-term exposure-systemic effects, dermal: 319 mg/kg bw/day

consumer: Long-term exposure-systemic effects, oral: 26 mg/kg bw/day

**Appropriate engineering controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Personal protective equipment**

**Respiratory protection:**

Respiratory protection in case of vapour/aerosol release. (Particle filter EN 143 P2 or FFP2)

**Hand protection:**

Chemical resistant protective gloves. (EN 374)

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection:**

Tightly fitting safety goggles (cage goggles) (e.g. EN 166) and face shield.

**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures**

Wearing of closed work clothing is required additionally to the stated personal protection equipment. No eating, drinking, smoking or tobacco use at the place of work.

Handle in accordance with good industrial hygiene and safety practice.

## 9 Physical and chemical properties

### Physical and chemical properties

#### General Information

- **Appearance:**
  - Form:** Fluid
  - Colour:** According to product specification
- **Odour:** Characteristic
- **Odour threshold:** Not determined
- **pH-value:** 4 – 5
- **Specific gravity:** Not determined
- **Change in condition**
  - Melting point/Melting range:** Not determined
  - Boiling point/Boiling range:** Not determined
- **Flash point:** Not determined
- **Flammability (solid, gaseous):** Not applicable
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.

- **Vapour pressure at 20 °C:** 23 hPa
- **Density at 20 °C:** Not determined
- **Relative density:** Not determined
- **Relative density:** Not determined
- **Vapour density:** Not determined
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:**
  - Dynamic:** Not determined
  - Kinematic:** Not determined

## 10 Stability and reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

No specific test data related to reactivity available for this product or its ingredients.  
The product does not contain peroxides (or any other explosive chemicals).

### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

### Conditions to avoid

See SDS Section 7 - Handling and storage.

### Incompatible materials

No other relevant information

### Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11 Toxicological information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### Toxicological (health) effects

#### Acute toxicity:

Important classification LD / LC50 values		
Ethyl glycol bis (hydroxymethyl) ether, 5-chloro-2-methyl-2 H -isothiazol-3-one and 2-methyl-Isothiazol-3		
Oral	LD50	75 mg / kg (rat)
Skin	LD50	660 mg / kg (rat)
Inhalation	LD50/4h	0.33 mg / l (rat)

**Skin corrosion/irritation:** Assessment: Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Assessment: Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation:** Assessment: Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Assessment: Based on available data, the classification criteria are not met.

**Carcinogenicity:** Assessment: Based on available data, the classification criteria are not met.

**Reproductive toxicity:** Assessment: Based on available data, the classification criteria are not met.

**STOT-single exposure:** Assessment: Hazard

**STOT-repeated exposure:** Assessment: Based on available data, the classification criteria are not met.

**Aspiration hazard:** Assessment: No aspiration hazard expected.

**Symptoms related to the physical, chemical and toxicological characteristics**

Not available data.

**Numerical measures of toxicity (such as acute toxicity estimates):** Not available data.

**Additional toxicological information:**

The product is presented according to the Calculation of EC Classification Guidelines for Preparations, as in the latest version, the following hazards: Harmful

## 12 Ecological information

**Toxicity:**

**Eco toxicity**

No relevant information available.

**Persistence and Degradability**

No relevant information available.

**Bioaccumulation**

No relevant information available.

**Mobility in soil**

No relevant information available.

**Other Adverse Effects**

May be slightly hazardous to environment.

**Further ecological indications:**

**General instructions:**

Dangerous for the aquatic environment - Class 1 (our assessment): slightly hazardous

May not penetrate into groundwater, discharge into the aquatic environment or drainage, indiluted or relatively in large quantities

## 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.

## 14 Transport information

**UN Number: ADR/RID, IMDG, IATA:** Not applicable.

**UN Proper Shipping Name: ADR/RID, IMDG, IATA:** Not applicable.

**Transport hazard class(es):** Not applicable.

**Packing group, if applicable:** Not applicable.

**Environmental hazards:** Not applicable.

**Special precaution for user:** Not applicable.

**Transport in bulk according to Annex II of Marpol 73/78 and the IBCcode:** Not applicable.

## 15 Regulatory information

### Safety, health and environmental regulations specific for the product in question

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I:** None of the ingredients is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

### Other Information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Abbreviations and acronyms:**

**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International)

Carriage of Dangerous Goods by Road)

**IMDG:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals

**EINECS:** European Inventory of Existing Commercial Chemical Substances

**ELINCS:** European List of Notified Chemical Substances

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**VOC:** Volatile Organic Compounds (USA, EU)

**PBT:** Persistent, Bioaccumulative and Toxic

**vPvB:** very Persistent and very Bioaccumulative

### Classification Abbreviations

**H314:** Causes severe skin burns and eye damage.

**H315:** Causes skin irritation.

**H317:** May cause an allergic skin reaction.

**H318:** Causes serious eye damage.

**H220:** Extremely flammable gas.

**H300:** Fatal if swallowed.

**H310:** Fatal in contact with skin.

**H330:** Fatal if inhaled.

**H335:** May cause respiratory irritation.

**H336:** May cause drowsiness or dizziness.

**H400:** Very toxic to aquatic life.

**H410:** Very toxic to aquatic life with long lasting effects.

**Skin Corr. 1:** Skin corrosion/irritation, Hazard Category 1

**Skin Irrit. 2:** Skin corrosion/irritation, Hazard Category 2

**Skin Sens. 1:** Skin sensitization, Hazard Category 1

**Eye Dam. 1:** Serious eye damage / eye irritation, Hazard Category 1

**Eye Irrit. 2:** Serious eye damage / eye irritation, Hazard Category 2

**Acute Tox. 1:** Acute toxicity, Hazard Category 1

**STOT SE 3:** Specific target organ toxicity - Single exposure, Hazard Category 3

**Aquatic Acute 1:** Hazardous to the aquatic environment – Acute Hazard Category 1

**Aquatic Chronic 1:** Long term aquatic hazard, Hazard Category 1