

## SAFETY DATA SHEET

**BLUE MOUNTAIN Long Life Antifreeze**

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

## 1.1. Product identifier

## ▼ Trade name

BLUE MOUNTAIN Long Life Antifreeze

## ▼ Product no.

BLUE MOUNTAIN Long Life Antifreeze Gallon BLUPXA003; BLUE MOUNTAIN Long Life Antifreeze Bucket BLUPXA004; BLUE MOUNTAIN Long Life Antifreeze Drum BLUPXA005

## Unique formula identifier (UFI)

XK80-X0Y7-Y00A-RGD4

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

## Relevant identified uses of the substance or mixture

Antifreeze &amp; Coolant

## Uses advised against

The product may only be used in accordance with the area of application specified above. If, nonetheless, the product is used outside the specified scope, please contact the supplier.

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

## Company and address

**Klintberg & Way Parts AB**

Haukadalsgatan 5

164 40 KISTA

Sweden

+46 (0)8 6808800

www.kwparts.com

## E-mail

info@kwparts.com

## Revision

06/04/2022

## SDS Version

2.0

## Date of previous version

01/07/2021 (1.0)

## 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Acute Tox. 4; H302, Harmful if swallowed.

Eye Irrit. 2; H319, Causes serious eye irritation.

STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.

## 2.2. Label elements

## Hazard pictogram(s)



## Signal word

**Warning**

**Hazard statement(s)**

- Harmful if swallowed. (H302)
- Causes serious eye irritation. (H319)
- May cause damage to organs through prolonged or repeated exposure. (H373)

**Safety statement(s)**

▼ **General**

- Keep out of reach of children. (P102)
- If medical advice is needed, have product container or label at hand. (P101)

▼ **Prevention**

- Wash hands thoroughly after handling. (P264)

▼ **Response**

- IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. (P301+P312)

**Storage**

-

**Disposal**

- Dispose of contents/container to an approved waste disposal plant. (P501)

▼ **Hazardous substances**

- ethanediol;ethylene glycol
- 2,2' -oxybisethanol;diethylene glycol
- potassium 2-ethylhexanoate
- Denatonium benzoate

**2.3. Other hazards**

**Additional labelling**

Not applicable

**Additional warnings**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

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

▼ **3.2. Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
ethanediol;ethylene glycol	CAS No.: 107-21-1 EC No.: 203-473-3 REACH: 01-2119456816-28-XXXX Index No.: 603-027-00-1	90-97%	Acute Tox. 4, H302 STOT RE 2, H373 (Kidney)	[1]
2,2' -oxybisethanol;diethylene glycol	CAS No.: 111-46-6 EC No.: 203-872-2 REACH: 01-2119457857-21-XXXX Index No.: 603-140-00-6	<5%	Acute Tox. 4, H302	
potassium 2-ethylhexanoate	CAS No.: 3164-85-0 EC No.: 221-625-7 REACH: 01-2119980714-29-XXXX	<3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 2, H361	

Index No.:			
Denatonium benzoate	CAS No.: 3734-33-6	0,003 - 0,005%	Acute Tox. 4, H302
	EC No.: 223-095-2		Eye Dam. 1, H318
	REACH: 01-2120102843-65-XXXX	Acute Tox. 4, H332	
	Index No.:		

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In case of uncertainty on how to treat an exposed person, call the National Poisons Information Service immediately.

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

##### ▼ Eye contact

Flush with soft water jet or eye wash fluid for at least 5 minutes. In case of persistent symptoms (intense burning, pain, sensitivity to light, visual disturbance) continue flushing and contact/seek a hospital or doctor.

##### Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. Hold head facing down to prevent vomit returning mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

##### Burns

Not applicable

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:

Get immediate medical advice/attention.

##### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

### ▼ 5.1. Extinguishing media

The product is not flammable. Choose extinguishing agent considering the fire in the environment: carbon dioxide, powder, alcohol-resistant foam or water spray. Normally, pointed water jet is not an appropriate extinguishing agent when extinguishing fires in chemical products.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>).

Some metal oxides.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

Always wear gloves and protective clothing when in contact with chemical substances.

Avoid direct contact with spilled substances.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

A risk assessment of the handling shall always be prepared based on the specific conditions prevailing at the workplace. The risk assessment shall be used as basis for preparing appropriate instructions for the safe handling of the product.

Because of the danger of self-ignition, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers, alternatively the waste is to be burned.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### ▼ 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Keep only in original packaging.

#### Storage temperature

Dry, cool and well ventilated

#### ▼ Incompatible materials

Strong acids, bases, oxidizing agents and reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### ▼ 8.1. Control parameters

— ethanediol;ethylene glycol

Long term exposure limit (8 hours) (ppm): 20(vapour)

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10(particulate)/52(vapour)

Short term exposure limit (15 minutes) (ppm): 40 (vapour)

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 104 (vapour)

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

— 2,2' -oxybisethanol;diethylene glycol

Long term exposure limit (8 hours) (ppm): 23

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 101

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### ▼ DNEL

Product/substance	ethanediol;ethylene glycol
DNEL	53 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term - Systemic effects - General population

Product/substance	ethanediol;ethylene glycol
DNEL	7 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Local effects - General population

Product/substance	ethanediol;ethylene glycol
DNEL	106 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term - Systemic effects - Workers

Product/substance	ethanediol;ethylene glycol
DNEL	35 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Local effects - Workers

Product/substance	2,2' -oxybisethanol;diethylene glycol
DNEL	44 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Systemic effects - Workers

Product/substance	2,2' -oxybisethanol;diethylene glycol
DNEL	60 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Local effects - Workers

Product/substance	2,2' -oxybisethanol;diethylene glycol
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

DNEL	43 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term - Systemic effects - Workers
Product/substance	2,2' -oxybisethanol;diethylene glycol
DNEL	12 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Systemic effects - General population
Product/substance	2,2' -oxybisethanol;diethylene glycol
DNEL	12 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Local effects - General population
Product/substance	2,2' -oxybisethanol;diethylene glycol
DNEL	21 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term - Systemic effects - General population
Product/substance	potassium 2-ethylhexanoate
DNEL	41,98 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Systemic effects - Workers
Product/substance	potassium 2-ethylhexanoate
DNEL	5,95 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term - Systemic effects - Workers
Product/substance	potassium 2-ethylhexanoate
DNEL	10,35 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Systemic effects - General population
Product/substance	potassium 2-ethylhexanoate
DNEL	2,98 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term - Systemic effects - General population
Product/substance	potassium 2-ethylhexanoate
DNEL	2,98 mg/kg bw/day
Route of exposure	Oral
Duration	Long term - Systemic effects - General population
Product/substance	Denatonium benzoate
DNEL	4,99 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term - Systemic effects - Workers
Product/substance	Denatonium benzoate
DNEL	1,43 mg/kg bw/day
Route of exposure	Dermal

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Duration	Long term – Systemic effects - Workers
Product/substance	Denatonium benzoate
DNEL	0,893 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population
Product/substance	Denatonium benzoate
DNEL	0,51 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population
Product/substance	Denatonium benzoate
DNEL	0,51 mg/kg bw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population
Product/substance	Denatonium benzoate
DNEL	893 µg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population

▼ PNEC

Product/substance	ethanediol;ethylene glycol
PNEC	1.53 mg/kg
Route of exposure	Soil
Duration of Exposure	
Product/substance	ethanediol;ethylene glycol
PNEC	3.7 mg/kg
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	ethanediol;ethylene glycol
PNEC	37 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	
Product/substance	ethanediol;ethylene glycol
PNEC	199.5 mg/L
Route of exposure	Sewage treatment plant
Duration of Exposure	
Product/substance	ethanediol;ethylene glycol
PNEC	10 mg/L
Route of exposure	Intermittent release (marine water)
Duration of Exposure	
Product/substance	ethanediol;ethylene glycol
PNEC	1 mg/L
Route of exposure	Marine water

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Duration of Exposure

Product/substance ethanediol;ethylene glycol  
 PNEC 10 mg/L  
 Route of exposure Intermittent release (freshwater)  
 Duration of Exposure

Product/substance ethanediol;ethylene glycol  
 PNEC 10 mg/L  
 Route of exposure Freshwater  
 Duration of Exposure

Product/substance 2,2' -oxybisethanol;diethylene glycol  
 PNEC 10 mg/L  
 Route of exposure Freshwater  
 Duration of Exposure Continuous

Product/substance 2,2' -oxybisethanol;diethylene glycol  
 PNEC 1 mg/L  
 Route of exposure Marine water  
 Duration of Exposure Continuous

Product/substance 2,2' -oxybisethanol;diethylene glycol  
 PNEC 199,5 mg/L  
 Route of exposure Sewage treatment plant  
 Duration of Exposure Continuous

Product/substance 2,2' -oxybisethanol;diethylene glycol  
 PNEC 20,9 mg/kg dw  
 Route of exposure Freshwater sediment  
 Duration of Exposure Continuous

Product/substance 2,2' -oxybisethanol;diethylene glycol  
 PNEC 2,09 mg/kg dw  
 Route of exposure Marine water sediment  
 Duration of Exposure Continuous

Product/substance 2,2' -oxybisethanol;diethylene glycol  
 PNEC 1,53 mg/kg dw  
 Route of exposure Soil  
 Duration of Exposure Continuous

Product/substance potassium 2-ethylhexanoate  
 PNEC 0,36 mg/L  
 Route of exposure Freshwater  
 Duration of Exposure Continuous

Product/substance potassium 2-ethylhexanoate  
 PNEC 0,036 mg/L  
 Route of exposure Marine water  
 Duration of Exposure Continuous



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	potassium 2-ethylhexanoate
PNEC	71,7 mg/L
Route of exposure	Sewage treatment plant
Duration of Exposure	Continuous

Product/substance	potassium 2-ethylhexanoate
PNEC	6,37 mg/kg dw
Route of exposure	Freshwater sediment
Duration of Exposure	Continuous

Product/substance	potassium 2-ethylhexanoate
PNEC	0,367 mg/kg dw
Route of exposure	Marine water
Duration of Exposure	Continuous

Product/substance	potassium 2-ethylhexanoate
PNEC	1,06 mg/kg dw
Route of exposure	Soil
Duration of Exposure	Continuous

Product/substance	Denatonium benzoate
PNEC	0,1 mg/L
Route of exposure	Freshwater
Duration of Exposure	Continuous

Product/substance	Denatonium benzoate
PNEC	10,0 µg/L
Route of exposure	Marine water
Duration of Exposure	Continuous

Product/substance	Denatonium benzoate
PNEC	25 mg/kg dw
Route of exposure	Freshwater sediment
Duration of Exposure	Continuous

Product/substance	Denatonium benzoate
PNEC	2,5 mg/kg dw
Route of exposure	Marine water sediment
Duration of Exposure	Continuous

Product/substance	Denatonium benzoate
PNEC	4,95 mg/kg dw
Route of exposure	Soil
Duration of Exposure	Continuous

## ▼ 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

In case of simultaneous exposure to several air pollutants, their combined effects shall be considered. In assessing exposure conditions, the body weight and absorption of certain substances through the skin shall be taken into account in addition to the concentration of air pollutants in inhaled air. The person who plans and carries out the air pollution measurement shall have sufficient knowledge to do so. Measurements shall be taken

using appropriate methods and equipment. Exposure measurements relate to conditions during normal operation. Where necessary, they shall also highlight the exposure under other conditions. Exposure measurements shall be taken in the breathing zone on a sufficient number of persons to make it possible to assess the exposure of all exposed persons.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### ▼ Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure


Keep damming materials near the workplace. If possible, collect spillage during work.

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


##### Generally

Use only CE marked protective equipment.


##### ▼ Respiratory Equipment

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation	-	-	-	
Combination filter A + P3	If there is a risk of exposure to vapor or aerosol, use combination filter against organic gases and vapors (type A), and particulate filter (type P3).	Brown/White	P3 (EN 140, EN 143, EN 149)	


#### Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn	-	-	

#### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

#### Eye protection

Type	Standards	
Wear safety glasses with side shields.	EN166	

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical state**

Liquid

**Colour**

Greenish

**Odour / Odour threshold**

Testing not relevant or not possible due to nature of the product.

**pH**

8.0

**Density (g/cm<sup>3</sup>)**

1.12

**Kinematic viscosity**

Testing not relevant or not possible due to nature of the product.

**Particle characteristics**

Does not apply to liquids.

**Phase changes****▼ Melting point/Freezing point (°C)**

No data available

**Softening point/range (waxes and pastes) (°C)**

Does not apply to liquids.

**▼ Boiling point (°C)**

158

**▼ Vapour pressure**

&lt; 0,1 mmHg (20 °C)

**▼ Relative vapour density**

No data available

**▼ Decomposition temperature (°C)**

Not applicable

**Data on fire and explosion hazards****▼ Flash point (°C)**

116

**▼ Ignition (°C)**

No data available

**▼ Auto flammability (°C)**

400

**▼ Lower and upper explosion limit (% v/v)**

0 - 15.3

**Solubility****Solubility in water**

Soluble

**▼ n-octanol/water coefficient**

No data available

**▼ Solubility in fat (g/L)**

No data available

**9.2. Other information****▼ Evaporation rate (n-butylacetate = 100)**

No data available

**▼ Other physical and chemical parameters**

No data available

**SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No data available

#### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### 10.3. Possibility of hazardous reactions

No special

#### 10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

#### ▼ 10.5. Incompatible materials

Strong acids, bases, oxidizing agents and reducing agents.

#### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

### SECTION 11: Toxicological information

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

##### Acute toxicity

Harmful if swallowed.

##### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

##### Serious eye damage/irritation

Causes serious eye irritation.

##### Respiratory sensitisation

Based on available data, the classification criteria are not met.

##### Skin sensitisation

Based on available data, the classification criteria are not met.

##### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

##### Carcinogenicity

Based on available data, the classification criteria are not met.

##### Reproductive toxicity

Based on available data, the classification criteria are not met.

##### STOT-single exposure

Based on available data, the classification criteria are not met.

##### STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

##### Aspiration hazard

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

##### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

##### Endocrine disrupting properties

No special

##### Other information

The assessment of the properties of the constituents is based primarily on information in the ECHA database of registered substances, and the classification and labelling register.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

Product/substance	ethanediol;ethylene glycol
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Endocrine disrupting properties

No special

### 12.7. Other adverse effects

The assessment of the properties of the constituents is based primarily on information in the ECHA database of registered substances, and the classification and labelling register.

## SECTION 13: Disposal considerations

### ▼ 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute toxicity

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

### ▼ EWC code

16 01 14\* Antifreeze fluids containing dangerous substances

15 01 10\* Packaging containing residues of or contaminated by dangerous substances

### Specific labelling

Before handling waste, see Section 8, Exposure controls/personal protection. Contamination of the product with hazardous substances during use cannot be ruled out and therefore the properties of the waste do not fully correspond to those of the original product. It is therefore always the user's responsibility to classify the waste.

Hazardous waste shall be transported to an approved waste facility by an authorised carrier.

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

- \* Packing group
- \*\* Environmental hazards

**▼ Additional information**

Not dangerous goods according to ADR, IATA and IMDG.

**14.6. Special precautions for user**

Not applicable

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

No data available

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Restrictions for application**

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

**Demands for specific education**

No specific requirements

**SEVESO - Categories / dangerous substances**

Not applicable

**Additional information**

Tactile warning.

**▼ Sources**

The employer is obliged to continuously keep abreast of the current regulations pertaining to the activity in question.

The Management of Health and Safety at Work Regulations 1999

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information****▼ Full text of H-phrases as mentioned in section 3**

H302, Harmful if swallowed.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H332, Harmful if inhaled.

H361, Suspected of damaging fertility or the unborn child.

H373, May cause damage to organs through prolonged or repeated exposure.

**▼ Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
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)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

▼ **Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

▼ **The safety data sheet is validated by**

Future Competence Sweden AB

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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