

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MILOR

Revision date: 15.03.2018

Product code: 70064_CLP

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perfumes (limonene, linalool, Butylphenyl methylpropional, Hexyl Cinnamal)
Methylisothiazolinone, Benzisothiazolinone, 2-Bromo-2-nitro-propane-1 ,3-diol

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Move victim out of danger zone. Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Remove contaminated clothing immediately and dispose off safely .

In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

Remove contact lenses, if present and easy to do. Continue rinsing.

In all cases of doubt, or when symptoms persist, seek medical advice.

To be accompanied by MSDS.

After ingestion

Do NOT induce vomiting. Call a physician immediately. To be accompanied by MSDS.

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

If applicable, delayed symptoms and effects can be found in section 11 . , i.e. under section 4.1 for absorption methods.

The following symptoms may occur:

Eye irritation

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. / Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Oxides of carbon

Sulfur oxides.

Gas/vapours, irritant.

Gas/vapours, harmful.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

If necessary Caution, slippery

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6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Prevent surface and ground-water infiltration, as well as ground penetration.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.
Flush residue with plenty of water.

6.4. Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

In addition to the information contained in this section, relevant information can also be found in sections 8 and 6.1.

Further information on handling

Wash hands before breaks and after work.
General hygiene measures for the handling of chemicals are applicable.
Observe instructions for use.
Notice the directions for use on the label.
Keep away from food, drink and animal feedingstuffs.
Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Not to be stored in gangways or stair wells.
Store product closed and only in original packing.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1317-65-3	Calcium carbonate, respirable	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls**Appropriate engineering controls**

Provide adequate ventilation.
This can be achieved by local exhaust ventilation or general ventilation.
When exceeding the occupational exposure limit (OEL): Use appropriate respiratory protection.
Applies only if maximum permissible exposure values are listed here.

Protective and hygiene measures

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and after work.
Keep away from food, drink and animal feedingstuffs.
Contaminated work clothing should not be allowed out of the workplace.

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Eye/face protection

Normally not recommended.

Hand protectionRecommended
rubber gloves. (EN 374)

No tests have been carried out.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls

No information available.

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

Physical state:	Paste
Colour:	light grey
Odour:	characteristic
pH-Value:	~7,5

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not determined

Flammability

Solid:	not determined
Gas:	not determined

Explosive properties

not determined

Lower explosion limits:	not determined
Upper explosion limits:	not determined

Auto-ignition temperature

Solid:	not determined
Gas:	not determined

Oxidizing properties

not determined

Vapour pressure:	not determined
Vapour pressure:	not determined
Density:	1,38 g/cm ³
Bulk density:	not determined
Water solubility:	easily soluble.

Solubility in other solvents

not determined

Partition coefficient:	not determined
Viscosity / dynamic:	not determined

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Viscosity / kinematic: not determined

Solvent content: not determined

9.2. Other information

Mixability: not determined

Fat solubility (g/l): not determined

Conductivity: not determined

Surface tension: not determined

SECTION 10: Stability and reactivity**10.1. Reactivity**

See also Subsection 10.2 to 10.6.

The product has not been tested.

10.2. Chemical stability

See also Subsection 10.1 to 10.6.

Stable with proper storage and handling.

10.3. Possibility of hazardous reactions

No hazardous reactions occur under normal storage and handling conditions.

10.4. Conditions to avoid

See also section 7.

10.5. Incompatible materials

See also section 7.

No dangerous reactions known.

10.6. Hazardous decomposition products

See also section 5.2.

No information available.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No classification according to calculation methods.

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
	oral	LD50 mg/kg	>2000	Rat	
	dermal	LD50 mg/kg	>2000	Rat	

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

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STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts					
	Acute fish toxicity	LC50 > 1-10 mg/l	96 h	Brachydanio rerio (zebra-fish)		
	Acute algae toxicity	ErC50 >10 - 100 mg/l	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 > 1-10 mg/l	48 h	Daphnia magna		

12.2. Persistence and degradability

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			
	OECD TG 301 A	> 70	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods**Advice on disposal**

Dispose of waste according to applicable legislation.

E.g. dispose at suitable refuse site.

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

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200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Contaminated packaging

Dispose of waste according to applicable legislation.
Recommendation: Dispose using dual system.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable
14.4. Packing group: not applicable

Inland waterways transport (ADN)

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable
14.4. Packing group: not applicable

Marine transport (IMDG)

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not a hazardous material with respect to these transportation regulations.

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

For classification and labelling, see section 2.
Observe Chemical Ordinance, ChemO
Observe Chemical Risk Reduction Ordinance, ORRChem
Observe Air Quality Control regulation

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Changes**

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Revised sections: 1, 2, 7, 16

Abbreviations and acronyms

vPvB = very persistent very bioaccumulative

PBT = persistent bioaccumulative toxic

Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

EUH210 Safety data sheet available on request.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)