

According to Regulation (EC) No 1907/2006

Top Off

Version number: 6.3
Issued: 2026-03-17
Replaces SDS: 2024-10-16



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

1.1. Product identifier

Trade name

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UFI code

EGA9-1EDH-J11S-VJV0

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

Relevant identified uses

Fat Solvent for professional users.

Not suitable for use in

All other uses are discouraged.

1.3. Details of the supplier of the safety data sheet

Supplier

KLEEN PURGATIS GmbH

Address

Dieselstraße 10
32120 Hiddenhausen
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Web site

www.kleenpurgatis.de

Contact person

Regulatory Affairs

Email

info@kleen-purgatis.de

1.4. Emergency telephone number

+49 (0)551 - 19240 (GIZ-Nord)

Available outside office hours

Yes

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Skin irritation, hazard category 2

Eye irritation, hazard category 2

Hazard statements

H315, H319

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Supplemental hazard statements

EUH208 Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-pharse M factor acute M factor chronic	Specific concentra- tion limits ATE	Note
Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1 307-055-2 01-2119489924-20-xxxx -	5 - <12%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315, H318, H412 - -	Eye Dam. 1, H318: C ≥ 15% Eye Irrit. 2, H319: 10% ≤ C < 15%	-
ethanol	64-17-5 200-578-6 01-2119457610-43-xxxx 603-002-00-5	1 - 5%	Flam. Liq. 2	H225 - -		-
sodium p-cumene-sulphonate	15763-76-5 239-854-6 01-2119489411-37-xxxx -	1 - 5%	Eye Irrit. 2	H319 - -		-
Alcohols, C12-14, ethoxylated	68439-50-9 - 01-2119487984-16-xxxx -	1 - <3%	Acute Tox. 4 - oral, Eye Dam. 1, Aquatic Chronic 3	H302, H318, H412 - -	ATE [Oral]: 500 mg/kg bw	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8 01-2119488639-16-xxxx -	1 - <3%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315, H318, H412 - -	Eye Dam. 1, H318: C ≥ 10% Eye Irrit. 2, H319: 5% ≤ C < 10% ATE [Oral]: 4100 mg/kg bw	-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures

First responders: Pay attention to self-protection.

Inhalation

Take the victim into fresh air. If symptoms persist, call a physician.

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Skin contact

If skin irritation persists, call a physician. In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting.

Information for doctors

For specialist advice physicians should contact the Poisons Information Service.

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

Immediate effects can be expected after long-term exposure.

Inhalation

Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough.

Skin contact

Causes skin irritation.

Eye contact

Liquid causes severe inflammation of conjunctiva and may cause severe damage of the cornea.

Ingestion

Ingestion may cause nausea, vomiting, sore throat, stomach-ache and eventually lead to a perforation of the intestine.

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

Treat symptomatically.

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, dry powder, foam, carbon dioxide (CO₂).

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Not applicable

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5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Measures in case of fire

Keep containers and surroundings cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid direct contact with the material / product. Ensure adequate ventilation.

6.2. Environmental precautions

Try to prevent the material from entering drains or water courses.

6.3. Methods and material for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4. Reference to other sections

For information on storage and handling see section 7.

For personal protection see section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Avoid direct contact with the material / product. Wear personal protective equipment.

General hygiene

Wash hands after handling.

When using, do not eat, drink or smoke.

Handle in accordance with good industrial hygiene and safety practice.

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7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs.
Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 12 (non-flammable liquids)

Suitable container and packaging materials for safe storage
Store in original container.

Storage temperature: 10 °C to 40 °C

7.3. Specific end use(s)

GISCODE: GG50
See section 1.2: Fat Solvent

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Dermal	5 mg/kg	Workers	Systemic
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	DNEL	Acute (short term) Dermal	2.8 mg/cm ²	Workers	Local
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Oral	7.1 mg/kg	Consumers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Inhalation	950 mg/m ³	Workers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Acute (short term) Inhalation	1900 mg/m ³	Workers	Local
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Dermal	343 mg/kg	Workers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Oral	87 mg/kg	Consumers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Dermal	2750 mg/kg	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Inhalation	175 mg/m ³	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Oral	15 mg/kg	Consumers	Systemic
sodium p-cumenesulphonate (15763-76-5/239-854-6)	DNEL	Chronic (long term) Dermal	136.25 mg/kg	Workers	Systemic
sodium p-cumenesulphonate (15763-76-5/239-854-6)	DNEL	Chronic (long term) Inhalation	26.9 mg/m ³	Workers	Systemic
sodium p-cumenesulphonate (15763-76-5/239-854-6)	DNEL	Chronic (long term) Dermal	0.096 mg/cm ²	Workers	Local
sodium p-cumenesulphonate (15763-76-5/239-854-6)	DNEL	Chronic (long term) Oral	3.8 mg/kg	Consumers	Systemic

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PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	PNEC	Freshwater	0.04 mg/l
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	PNEC	Soil	9.4 mg/kg
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	PNEC	Sewage Treatment Plant	600 mg/l
ethanol (64-17-5/200-578-6)	PNEC	Freshwater	960 µg/l
ethanol (64-17-5/200-578-6)	PNEC	Marine water	790 µg/l
ethanol (64-17-5/200-578-6)	PNEC	Sewage Treatment Plant	580 mg/l
ethanol (64-17-5/200-578-6)	PNEC	Sediment (freshwater)	3.6 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Sediment (marine water)	2.9 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Soil	0.63 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Freshwater	0.24 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Marine water	0.024 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sewage Treatment Plant	10000 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sediment (freshwater)	0.9168 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sediment (marine water)	0.09168 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Soil	7.5 mg/kg
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Freshwater	0.23 mg/l
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Marine water	0.023 mg/l
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Sewage Treatment Plant	100 mg/kg
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Sediment (freshwater)	0.862 mg/kg
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Soil	0.037 mg/kg

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8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Eye / face protection

Safety glasses with side-shields conforming to EN166

Hand protection

Wear chemical-resistant disposable protective gloves according to EN 374.

Other skin protection

Not required.

Respiratory protection

No personal respiratory protective equipment normally required.

Thermal hazards

Not applicable

Environmental exposure controls

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Yellow

Odour

Fresh scent

Odour threshold

Not applicable.

Melting point / freezing point

Not determined for the mixture.

Boiling point or initial boiling point and boiling range

Not determined for the mixture.

Flammability

Not applicable.

Lower and upper explosion limit

The product / mixture has no explosive properties.

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Flash point

> 65 °C

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not applicable

pH

7.5

Method

pH concentrate

Kinematic viscosity

Not determined for the mixture.

Viscosity, dynamic

Not determined for the mixture.

Solubility

Not determined for the mixture.

Water solubility

miscible

Partition coefficient n-octanol/water

Not available

Vapour pressure

Not available

Density and/or relative density

1.03 g/cm³

Relative vapour density

Not applicable.

Evaporation Rate

Not determined for the mixture.

Explosive properties

Not explosive

Oxidising properties

The product / mixture has no oxidizing properties.

VOC %

3.03 %

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Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal conditions

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.

10.5. Incompatible materials

Strong acids, light metals

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Acute toxicity

Toxicology data for the components

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Sulfonic acids, C14-17-sec- alkane, sodium salts 97489-15-1 / 307-055-2	LD50	> 2.000 mg/kg	Oral	-	rat	-
Sulfonic acids, C14-17-sec- alkane, sodium salts 97489-15-1 /	LD50	> 2.000 mg/kg	Dermal	-	mouse	-

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Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
307-055-2						
ethanol 64-17-5 / 200-578-6	LD50	10.470 mg/kg	Oral	-	rat	OECD 401
ethanol 64-17-5 / 200-578-6	LD50	> 2.000 mg/kg	Dermal	-	rabbit	OECD 402
ethanol 64-17-5 / 200-578-6	LC50	> 50 mg/l	Inhalation	4 h	rat	OECD 403
ethanol 64-17-5 / 200-578-6	LC50	> 20 mg/l	Inhalation	4 h	mouse	-
Alcohols, C12- 14, ethoxylated 68439-50-9 /	LD50	<2.000 mg/kg	Oral	-	rat	-
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LD50	4.100 mg/kg	Oral	-	rat	OECD 401
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LD50	> 2.000 mg/kg	Dermal	-	rat	OECD 402

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes eye irritation.

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

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Repeated dose toxicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

Other information

There is no data available for this product.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity

No data is available on the product itself.
Toxicology data for the components.

Acute fish toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Sulfonic acids, C14-17-sec- alkane, sodium salts 97489-15-1 / 307-055-2	LC50	1 - 10 mg/l	96h	Brachydanio rerio	OECD 203	-
ethanol 64-17-5 / 200-578-6	LC50	8.140 mg/l	48 h	Leuciscus idus	-	-
alcohols, C12- 14, ethoxylated, sulfates,	LC50	7,1 mg/l	96h	Fish	OECD 203	-

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Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
sodium salts 68891-38-3 / 500-234-8						
sodium p-cume- nesulphonate 15763-76-5 / 239-854-6	LC50	>100 mg/l	96 h	Oncorhynchus mykiss	Static test	literature value

Acute algae toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,5 mg/l	96h	algae	OECD 202	-
sodium p-cume- nesulphonate 15763-76-5 / 239-854-6	EC50	>100mg/l	96 h	Pseudokirchne- riella subcapitata	Static test	literature value
Sulfonic acids, C14-17-sec- alkane, sodium salts 97489-15-1 / 307-055-2	EC50	>61 mg/l	72h	Desmodesmus subspicatus	OECD 201	-
ethanol 64-17-5 / 200-578-6	EC50	> 100 mg/l	Static test	Chlorella pyrenoidosa	OECD 201	-
ethanol 64-17-5 / 200-578-6	EC50	275 mg/l	72 h	Chlorella vulgaris	OECD 201	-

Acute crustacean toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Sulfonic acids,	EC50	9,81 mg/l	48h	Daphnia magna	OECD 202	-

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Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
C14-17-sec- alkane, sodium salts 97489-15-1 / 307-055-2						
ethanol 64-17-5 / 200-578-6	EC50	> 10.000 mg/l	48 h	Daphnia magna	-	-
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,2 mg/l	48h	Daphnia magna	OECD 201	-
sodium p-cume- nesulphonate 15763-76-5 / 239-854-6	EC50	>100 mg/l	48 h	Daphnia magna	Static test	literature value

Micro-/macro organism toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC0	> 100 mg/l	-	Pseudomonas putida	DIN 38412
sodium p-cumene- sulphonate 15763-76-5 / 239-854-6	EC10	>1.000 mg/l	3 h	Activated sludge	OECD 209

12.2. Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No information is available for this item.

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12.4. Mobility in soil

Mobility

No information is available for this item.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

12.7. Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

Other

German Water Class

WGK2 - significantly water endangering

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Do not re-use empty containers.

Contaminated packaging : Dispose of as unused product.

Waste code	Waste description
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

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14.3. Transport hazard class(es)

Label

Not required.

14.4. Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5. Environmental hazards

Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

14.6. Special precautions for user

Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other

Not applicable

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: 5-15 % anionic surfactants, < 5 % non-ionic surfactants, contains perfumes, LIMONENE, preservation agents, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE.

Regulation (EC) No. 1272/2008 (CLP)

EU Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: No

Substance restrictions according to Annex XVII: No

Substances on the REACH candidate list (SVHC): No

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

SECTION 16: Other information

Changes to previous revision

Rev. 6.1: Section 2. Hazards identification: addition EUH208

Rev. 6.2: Section 9. Physical and chemical properties: VOC

Rev. 6.3: Section 12. Ecological information: Water hazard class

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Abbreviations

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 (European conformity)
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
EuPCS - European Product Categorisation System
EWC - European Waste Catalogue
GHS - Globally Harmonized System of Classification and Labelling of Chemicals
GWP - Global warming potential
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
STOT-RE - Specific Target Organ Toxicity - Repeated Exposure
STOT-SE - Specific Target Organ Toxicity - Single Exposure
SVHC - Substances of Very High Concern
TWA - Time weighted average
UN - United Nations
UVBC - Unknown or variable composition, complex reaction products or of biological materials
VOC - Volatile Organic Compound
vPvB - Very Persistent and Very Bioaccumulative

References to key literature and data sources

REACH registration dossiers
ECHA C&L - Inventory
Safety data sheets from raw material suppliers

According to Regulation (EC) No 1907/2006

Top Off

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Evaluation methods for classification

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:
Health hazards: calculation method

Phrase meaning

Skin Irrit. 2 - Skin irritation, hazard category 2
Eye Irrit. 2 - Eye irritation, hazard category 2
Eye Dam. 1 - Serious eye damage, hazard category 1
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
Flam. Liq. 2 - Flammable liquids, hazard category 2
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Additional information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

Manufacturer's notes

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.