

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Cutting Coolant, milky
Revision date : 09.02.2023
Print date : 09.02.2023

Version (Revision) : 6.2.0 (6.1.0)

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

1.1 Product identifier

Cutting Coolant, milky

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

Relevant identified uses

PC 16 - Heat transfer fluids

1.3 Details of the supplier of the safety data sheet

Supplier

Bio-Circle Surface Technology GmbH

Street : Berensweg 200

Postal code/City : 33334 Gütersloh

Telephone : +49 5241 9443 0

Telefax : +49 5241 9443 44

Information contact : labor@bio-circle.de

1.4 Emergency telephone number

+49 5241 9443 51 during normal office hours
(Monday to Thursday from 8 am to 4 pm and Friday from 8 am to 3 pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

Special rules for supplemental label elements for certain mixtures

EUH208 Contains 3-IODO-2-PROPYNYL BUTYL CARBAMATE ; 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

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2.3 Other hazards

None

2.4 Additional information

Data obtained by expert judgement.
H314: not relevant
H315: not relevant
H318: not relevant

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

2-PHENOXYETHANOL ; EC No. : 204-589-7; CAS No. : 122-99-6

Weight fraction : $\geq 20 - < 25$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 STOT SE 3 ; H335
Specific Conc. Limits : (ATE - oral : 1394 mg/kg)

SODIUM PETROLEUM SULFONIC ACIDS ; REACH No. : 01-2119527859-22-XXXX ; EC No. : 271-781-5; CAS No. : 68608-26-4

Weight fraction : $\geq 5 - < 10$ %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0

Weight fraction : $\geq 3 - < 5$ %
Classification 1272/2008 [CLP] : Aquatic Chronic 3 ; H412

POTASSIUM HYDROXIDE ; REACH No. : 01-2119487136-33-XXXX ; EC No. : 215-181-3; CAS No. : 1310-58-3

Weight fraction : $\geq 2,5 - < 3$ %
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Corr. 1A ; H314: C ≥ 5 % • Eye Dam. 1 ; H318: C ≥ 2 % • Skin Corr. 1B ; H314: C ≥ 2 % • Skin Corr. 1C ; H314: C ≥ 2 % • Eye Irrit. 2 ; H319: C $\geq 0,5$ % • Skin Irrit. 2 ; H315: C $\geq 0,5$ %

1H-BENZOTRIAZOLE (1,2,3) ; EC No. : 202-394-1; CAS No. : 95-14-7

Weight fraction : $\geq 1 - < 2,5$ %
Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Eye Irrit. 2 ; H319 Aquatic Chronic 2 ; H411

2,2'-OXYBIS(ETHANOL) ; EC No. : 203-872-2; CAS No. : 111-46-6

Weight fraction : $\geq 1 - < 2,5$ %
Classification 1272/2008 [CLP] : STOT RE 2 ; H373 Acute Tox. 4 ; H302

capryleth-9 carboxylic acid ; EC No. : 611-013-1; CAS No. : 53563-70-5

Weight fraction : $\geq 1 - < 2,5$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315

FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1

Weight fraction : $\geq 1 - < 2,5$ %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319 Aquatic Chronic 2 ; H411

3-IODO-2-PROPYNYL BUTYLCARBAMATE ; EC No. : 259-627-5; CAS No. : 55406-53-6

Weight fraction : $\geq 0,1 - < 0,25$ %
Classification 1272/2008 [CLP] : Acute Tox. 3 ; H331 STOT RE 1 ; H372 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Specific Conc. Limits : (M Chronic=1) • (M Acute=10)

1,2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9; CAS No. : 2634-33-5

Weight fraction : $< 0,05$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400

Specific Conc. Limits : Skin Sens. 1 ; H317: C $\geq 0,05$ %

Additional information

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For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated, saturated clothing immediately. When in doubt or if symptoms are observed, get medical advice.

Following inhalation

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

After eye contact

Protect uninjured eye. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

Rinse mouth thoroughly with water. Let 1 glass of water be drunken in little sips (dilution effect). Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water Foam Extinguishing powder Carbon dioxide (CO₂) Sand Nitrogen Extinguishing blanket

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Carbon monoxide , Carbon dioxide (CO₂) , Nitrogen oxides (NO_x) , Thermal decomposition can lead to the escape of irritating gases and vapours. Burning produces heavy smoke.

5.3 Advice for firefighters

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

5.4 Additional information

Use water spray jet to protect personnel and to cool endangered containers. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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6.3 Methods and material for containment and cleaning up

Collect in closed and suitable containers for disposal. Clear spills immediately. Wipe up with absorbent material (eg. cloth, fleece). Wash with plenty of water. Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Keep/Store only in original container. Protect against : Frost .

Requirements for storage rooms and vessels

Keep away from heat. Protect against direct sunlight.

Hints on joint storage

Do not store together with Strong alkali , Strong acid , Oxidising agent, strong.

Storage class (TRGS 510) : 12

7.3 Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

2-PHENOXYETHANOL ; CAS No. : 122-99-6

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 1 ppm / 5,7 mg/m³

Peak limitation : 1(I)

Remark : Y

Version : 23.06.2022

2,2'-OXYBIETHANOL ; CAS No. : 111-46-6

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 10 ppm / 44 mg/m³

Peak limitation : 4(II)

Remark : Y

Version : 23.06.2022

3-IODO-2-PROPYNYL BUTYLCARBAMATE ; CAS No. : 55406-53-6

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 0,005 ppm / 0,058 mg/m³

Peak limitation : 2(I)

Remark : Sh, Y

Version : 23.06.2022

DNEL-/PNEC-values

DNEL/DMEL

SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4

Limit value type : DNEL worker (systemic)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 0,66 mg/m³

Limit value type : DNEL worker (systemic)

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Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 3,33 mg/kg
POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3
Limit value type : DNEL worker (local)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1 mg/m³
Limit value type : DNEL worker (systemic)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1 mg/m³

8.2 Exposure controls

Personal protection equipment

Eye/face protection



Wear suitable safety goggles in case of splash.

Suitable eye protection

EN 166.

Skin protection

Hand protection



Suitable gloves type : EN 374.

Suitable material : NBR (Nitrile rubber)

Breakthrough time : 480 min.

Thickness of the glove material : 0.4 mm

Remark : The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

Respiratory protection



Respiratory protection necessary at: exceeding exposure limit values
Usually no personal respiratory protection necessary.

Suitable respiratory protection apparatus

Combination filtering device

Filter type: A-P3

Remark

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

General information

Do not put any product-impregnated cleaning rags into your trouser pockets. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. P362+P364 - Take off contaminated clothing and wash it before reuse. P264 - Wash hands thoroughly after handling.

8.3 Additional information

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No tests have been performed. Selection made for preparations according to the best available knowledge and information on ingredients. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid

Colour : brown

Odour

characteristic

Safety characteristics

Melting point/freezing point :	(1013 hPa)	not determined	
Initial boiling point and boiling range :	(1013 hPa)	not determined	
Flash point :		not applicable	DIN EN ISO 13736
Auto-ignition temperature :		not applicable	
Flammability :		non-flammable	
Lower explosion limit :		not applicable	
Upper explosion limit :		not applicable	
Vapour pressure :	(50 °C)	not determined	
Density :	(20 °C)	approx. 0,988	g/cm ³
Water solubility :	(20 °C)	practically insoluble	
pH :	(20 °C / 5 Weight-%)	approx. 9,3	
Cinematic viscosity :	(20 °C)	approx. 133	mm ² /s
Relative vapour density :	(20 °C)	not determined	
Maximum VOC content (EC) :		0	Weight-%
Maximum VOC content (Switzerland) :		0	Weight-%
Taxable VOC content (Switzerland) :		0	Weight-%

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2 Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

Exothermic reaction with: Strong acid Strong alkali Oxidising agent, strong.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.
Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information

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

Acute toxicity

Acute oral toxicity

Parameter : LD50 (2-PHENOXYETHANOL ; CAS No. : 122-99-6)
Exposure route : Oral
Species : Rat
Effective dose : 1840 mg/kg
Method : OECD 401
Parameter : LD50 (POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3)
Exposure route : Oral
Species : Rat
Effective dose : 365 mg/kg
Method : OECD 425

Acute dermal toxicity

Parameter : LD50 (2-PHENOXYETHANOL ; CAS No. : 122-99-6)
Exposure route : Dermal
Species : Rabbit
Effective dose : 5000 mg/kg

Acute inhalation toxicity

Parameter : LC50 (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Exposure route : Inhalation
Species : Rat
Effective dose : > 1,9 mg/l
Exposure time : 4 h
Method : OECD 403

Corrosion

Skin corrosion/irritation

Data obtained by expert judgement.
H314: not relevant
H315: not relevant

Serious eye damage/eye irritation

Data obtained by expert judgement.
H318: not relevant
Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitisation

No further relevant information available.

Sensitisation to the respiratory tract

No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No further relevant information available.

Germ cell mutagenicity

No further relevant information available.

In vitro mutagenicity

Parameter : Gene-mutations microorganisms (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Exposure route : In vitro mutagenicity
Species : Salmonella typhimurium
Result : Negative.
Method : OECD 471 (Ames test)

Reproductive toxicity

No further relevant information available.

STOT-single exposure

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No further relevant information available.

STOT-repeated exposure

No further relevant information available.

Aspiration hazard

No further relevant information available.

11.2 Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

Other adverse effects

Has degreasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

Additional information

There are no data available on the preparation/mixture itself. Preparation not tested. The statement is derived from the properties of the single components.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter :	LC50 (POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3)
Species :	Fish
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	80 mg/l
Exposure time :	96 h
Parameter :	LC50 (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Species :	Danio rerio (zebrafish)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	108 mg/l
Exposure time :	96 h
Method :	OECD 203
Parameter :	LC50 (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1)
Species :	Danio rerio (zebrafish)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	108 mg/l
Exposure time :	96 h
Method :	OECD 203
Parameter :	LL50 (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Species :	Pimephales promelas (fathead minnow)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	> 1000 mg/l
Exposure time :	96 h
Method :	OECD 203

Chronic (long-term) fish toxicity

Parameter :	NOEC (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Species :	Pimephales promelas (fathead minnow)
Evaluation parameter :	Chronic (long-term) fish toxicity
Effective dose :	0,16 mg/l
Exposure time :	10 D
Parameter :	NOEC (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. :

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68920-66-1)
Species : Pimephales promelas (fathead minnow)
Evaluation parameter : Chronic (long-term) fish toxicity
Effective dose : 0,16 mg/l
Exposure time : 10 D
Parameter : NOEC (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1)
Species : Pimephales promelas (fathead minnow)
Evaluation parameter : Chronic (long-term) fish toxicity
Effective dose : 0,28 mg/l
Exposure time : 30 D
Parameter : NOEC (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Species : Pimephales promelas (fathead minnow)
Evaluation parameter : Chronic (long-term) fish toxicity
Effective dose : 0,11 - 0,28 mg/l
Exposure time : 30 D

Acute (short-term) toxicity to crustacea

Parameter : EC50 (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) toxicity to crustacea
Effective dose : > 1000 mg/l
Exposure time : 48 h
Parameter : EL50 (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) toxicity to crustacea
Effective dose : 51 mg/l
Exposure time : 48 h
Parameter : EL50 (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) toxicity to crustacea
Effective dose : 51 mg/l
Exposure time : 48 h
Method : OECD 202

Chronic (long-term) toxicity to aquatic invertebrate

Parameter : NOEC (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Chronic (long-term) toxicity to aquatic invertebrate
Effective dose : 0,77 mg/l
Exposure time : 21 D
Parameter : NOEC (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Chronic (long-term) toxicity to aquatic invertebrate
Effective dose : 0,77 mg/l
Exposure time : 21 D

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : EC50 (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Species : Pseudokirchneriella subcapitata
Evaluation parameter : Inhibition of growth rate
Effective dose : > 1000 mg/l
Exposure time : 72 h
Parameter : EC50 (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1)
Species : Desmodesmus subspicatus
Evaluation parameter : Inhibition of growth rate

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Effective dose : > 100 mg/l
Exposure time : 72 h
Parameter : EL50 (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Species : Pseudokirchneriella subcapitata
Evaluation parameter : Inhibition of growth rate
Effective dose : > 10 mg/l
Exposure time : 72 h
Method : OECD 201

Chronic (long-term) toxicity to aquatic algae and cyanobacteria

Parameter : NOEC (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Species : Pseudokirchneriella subcapitata
Evaluation parameter : Inhibition of growth rate
Effective dose : 1000 mg/l
Exposure time : 72 h

Toxicity to microorganisms

Parameter : EC50 (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Species : Bacteria toxicity
Effective dose : 3200 - 5000 mg/l
Exposure time : 8 h
Parameter : EC10 (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1)
Species : Pseudomonas putida
Evaluation parameter : Toxicity to microorganisms
Effective dose : > 10000 mg/l
Exposure time : 16,9 h
Parameter : EC10 (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Species : Pseudomonas putida
Evaluation parameter : Toxicity to microorganisms
Effective dose : > 10 g/l
Exposure time : 16,9 h
Method : DIN 38412 / part 8

12.2 Persistence and degradability

Biodegradation

Parameter : Biodegradation (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Inoculum : Biodegradation
Evaluation parameter : Aerobic
Degradation rate : 8,6 %
Test duration : 28 D
Evaluation : Not readily biodegradable (according to OECD criteria)
Method : OECD 301F
Parameter : Biodegradation (Alcohols, C16-18, ethoxylated, propoxylated ; CAS No. : 68002-96-0)
Inoculum : Biodegradation
Evaluation parameter : Aerobic
Degradation rate : > 60 %
Test duration : 28 D
Method : OECD 301B
Parameter : CO2 formation (% of the theoretical value) (FATTY ALCOHOL C16-18 AND C18 UNSATD., ETHOXYLATED ; CAS No. : 68920-66-1)
Inoculum : Biodegradation
Evaluation parameter : Aerobic
Degradation rate : 99 %
Test duration : 28 D
Method : OECD 301B

12.3 Bioaccumulative potential

Parameter : Bioconcentration factor (BCF) (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. :

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Value : 68608-26-4)
70,79
Parameter : Log KOW (SODIUM PETROLEUM SULFONIC ACIDS ; CAS No. : 68608-26-4)
Partition coefficient n-octanol/water (log value)
Value : 22,12
25 °C

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

No information available.

12.8 Additional ecotoxicological information

Do not allow to enter into surface water or drains.

12.9 Assessment/classification

H412 - Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

Before intended use

Waste codes/waste designations according to EWC/AVV

12 01 09* (Machining emulsions and solutions free of halogens)

Other disposal recommendations

Dispose of waste according to applicable legislation. Dispose of contents/container to an appropriate recycling or disposal facility. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

13.2 Additional information

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

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14.7 Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Use restriction according to REACH annex XVII, no. : 3, 75

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

16.1 Indication of changes

09. Information on basic physical and chemical properties · 11. Endocrine disrupting properties · 12. Endocrine disrupting properties · 15. Restrictions on use

16.2 Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europäisches Übereinkommen über die Beförderung gefährlicher Güter auf der Straße)

AOX: adsorbierbare organisch gebundene Halogene

AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen

CAS: Chemical Abstracts Service (Unterabteilung der American Chemical Society)

CLP: Verordnung (EG) Nr. 1272/2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (Classification Labelling and Packaging)

EAK / AVV: europäischer Abfallartenkatalog / Abfallverzeichnis-Verordnung

ECHA: Europäische Chemikalienagentur (European Chemicals Agency)

EINECS: : Altstoffverzeichnis (European Inventory of Existing Commercial Chemical Substances)

GHS: Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien (Globally Harmonized System of Classification and Labelling of Chemicals)

IATA: Internationale Luftverkehrs-Vereinigung (International Air Transport Association)

ICAO: Internationale Zivilluftfahrtorganisation (International Civil Aviation Organization)

IMDG: Gefahrgutkennzeichnung für gefährliche Güter im Seeschiffverkehr (International Maritime Code for Dangerous Goods)

RID: Regelung zur internationalen Beförderung gefährlicher Güter im Schienenverkehr (Règlement concernant le transport international ferroviaire de marchandises dangereuses)

TRGS: Technische Regel für den Umgang mit Gefahrstoffen

VbF: Verordnung über brennbare Flüssigkeiten

VOC: flüchtige organische Verbindung (volatile organic compound)

VVEA: Verordnung über die Vermeidung und die Entsorgung von Abfällen

VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe

WGK: Wassergefährdungsklasse

16.3 Key literature references and sources for data

DGUV: GESTIS-Stoffdatenbank

ECHA: Classification And Labelling Inventory

ECHA: Pre-registered Substances

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Cutting Coolant, milky
Revision date : 09.02.2023
Print date : 09.02.2023

Version (Revision) : 6.2.0 (6.1.0)

ECHA: Registered Substances
EC_Safety Data Sheet of Suppliers
ESIS: European Chemical Substances Information System
GDL: Gefahrstoffdatenbank der Länder
UBA Rigoletto: Wassergefährdende Stoffe
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council
Regulation (EC) No. 1272/2008 of the European Parliament and of the Council

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Evaluation :

Eye Irrit. 2 : Calculation method.

Aquatic Chronic 3 Calculation method.

May produce an allergic reaction. : Calculation method.

Skin Corr. 1 : Data obtained by expert judgement.

Skin Irrit. 2 : Data obtained by expert judgement.

Eye Dam. 1 : Data obtained by expert judgement.

16.5 Relevant H- and EUH-phrases (Number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

None

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.