

Safety Data Sheet

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

Trade name : MicroSil Ultra
Revision date : 03.12.2019

Version (Revision) : 12.0.0

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

1.1 Product identifier

MicroSil Ultra (39600-010000)

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

Relevant identified uses

paint /use in accordance with the technical data sheet/ for the general public and professional users

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : Bosshard + Co. AG
Lack- und Farbenfabrik
Street/P.O.Box : Ifangstrasse 97
Country code/Postal code/Town/City: 8153 Rümlang
Telephone : ++41 44 817 73 73
Telefax : ++41 44 817 73 00
Contact : bosshard@bosshard-farben.ch

1.4 Emergency telephone number

Tox Info Suisse ++41 44 251 51 51 Kurzwahl 145

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

None

2.2 Label elements

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

Precautionary statements

P102 Keep out of reach of children.
P260 Do not breathe the vapours/spray.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE ; REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1).May produce an allergic reaction.
EUH210 Safety data sheet available on request.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

None

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

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Following inhalation

Provide fresh air. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice.

In case of skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner

After eye contact

Remove contact lenses, keep eyelids open. 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. Seek medical advice after contact with this product.

After ingestion

Call a physician immediately. Do NOT induce vomiting. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO₂), Water spray

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

5.3 Advice for firefighters

Use suitable breathing apparatus.

5.4 Additional information

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

Do not inhale the vapour. See protective measures under point 7 and 8.

6.1 Personal precautions, protective equipment and emergency procedures

None

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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). Clean with detergents. Avoid solvent cleaners.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

When using do not eat, drink, smoke, sniff. Wear personal protection equipment (refer to section 8). Comply with the health and safety at work laws.

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Protective measures

Measures to prevent fire:

Measures to prevent fire: No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Only allow access to authorised staff. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on joint storage

Keep away from strong acids, strong alkalis, oxidising agents

Storage class (TRGS 510) (D) : 12

Further information on storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Observe instructions for use. Keep in a cool, well-ventilated place.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit) , suitable respiratory protection must be worn. As part of their general duties, all employers determine the risks to the safety and health of their employees that occur in their companies and take the necessary protective measures and instructions in accordance with recognised technical standards.

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Select personal protective equipment according to the CEN standards; discuss protective equipment with the supplier. The Personal Protective Equipment must be in accordance with EN standards:respirator EN 136, 140, 149; safety glasses EN 166; protective suit: EN 340, 463, 468, 943 -1, 943-2; gloves EN 374, safety shoes EN-ISO 20345/DIN EN 13832-2/3.

Eye/face protection

Use safety glasses.

Skin protection

Hand protection

Tested protective gloves must be worn, conformitable to EN 374. Suitable material NBR (Nitrile rubber)
Breakthrough time (maximum wearing time) > 240 min. Thickness of the glove material 0.2 mm.. Protection Index class 5.

Body protection

Use protective skin cream before handling the product. Wash hands before breaks and after work.

Respiratory protection

Usually no personal respiratory protection necessary. Breathing protection equipment required in inadequately ventilated places and during spraying. Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

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Colour : coloured

Odour

characteristic

Safety relevant basis data

Melting point/melting range :			No data available
Freezing point :			No data available
Initial boiling point and boiling range :	(1013 hPa)	approx.	100 °C
Decomposition temperature :			No data available
Flash point :			not applicable
Ignition temperature :			No data available
Lower explosion limit :			No data available
Upper explosion limit :			No data available
Density :	(20 °C)	approx.	1.5 g/cm ³
Water solubility:	(20 °C)		mixible
pH :	(20 °C / 100 g/l)		8 - 9
log P O/W :			No data available
Viscosity :	(20 °C)		800 - 1200 mPa.s
Cinematic viscosity :	(40 °C)		No data available
Odour threshold :			No data available
Relative vapour density :	(20 °C)		No data available
Vapourisation rate :			No data available
Flammable solids :			No data available.
Flammable gases :			No data available.
Explosive properties :			No data available.

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

10.5 Incompatible materials

Exothermic reaction with: Alkali (lye), concentrated. Acid Oxidizing agent.

10.6 Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

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

11.1 Information on toxicological effects

No information available.

SECTION 12: Ecological information

There are no data available on the preparation/mixture itself. Do not allow to enter into surface water or drains.

12.1 Toxicity

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No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

Do not empty into waters or drains. Dispose according to legislation.

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

08 01 12

Waste code packaging

Appropriate disposal / Package Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

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

SECTION 15: Regulatory information

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

National regulations

Technische Anleitung Luft (TA-Luft) (D)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)

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

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15.2 Chemical safety assessment

No information available.

SECTION 16: Other 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. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

16.1 Indication of changes

02. Special rules for supplemental label elements for certain mixtures

16.2 Abbreviations and acronyms

ADR - Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID - Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG - International Maritime Code for Dangerous Goods

IATA - International Air Transport Association

IATA-DGR - Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO-TI - Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service (division of the American Chemical Society)

GefStoffV - Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL - Lowest Observed Adverse Effect Level

LOEL - Lowest Observed Effect Level

NOAEL - No Observed Adverse Effect Level

NOEC - No Observed Effect Concentration

NOEL - No Observed Effect Level

OECD - Organisation for Economic Cooperation and Development

VOC - Volatile Organic Compounds

See overview table at www.euphrac.eu.

16.3 Key literature references and sources for data

None

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

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

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

None

16.6 Training advice

None

16.7 Additional information

None

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