

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Wetrok Brillant

Revision date: 29.03.2016

Product code: 32

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

1.1. Product identifier

Wetrok Brillant

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

Use of the substance/mixture

Washing and cleaning products (including solvent based products).

Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

| | | |
|-------------------------|-----------------------------|--------------------------------|
| Company name: | Wetrok AG | |
| | Headquarter | |
| Street: | Steinackerstr. 62 | |
| Place: | CH-8302 Kloten, Switzerland | |
| Telephone: | +41 (0)43 255 51 51 | |
| e-mail: | chemie@wetrok.ch | |
| Contact person: | Head Regulatory | Telephone: +41 (0)43 255 53 50 |
| Internet: | www.wetrok.ch | |
| Responsible Department: | BU Chemicals / Regulatory | |
| | Mobile + 41 (0)79 657 45 20 | |

1.4. Emergency telephone number:

+41 44 251 51 51 (Tel. 145) (Toxikologisches Zentrum)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

Additional advice on labelling

No marking required according to 1999/45/EC, appendix V B, No. 9.

2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

| CAS No | Chemical name | | | Quantity |
|-----------|---|--------------|------------------|-----------|
| | EC No | Index No | REACH No | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | | | |
| 1569-01-3 | 1-propoxy-2-propanol | | | 1 - < 5 % |
| | 216-372-4 | | 01-2119474443-37 | |
| | Flam. Liq. 3, Eye Irrit. 2; H226 H319 | | | |
| 5131-66-8 | 3-butoxypropan-2-ol, propylene glycol monobutyl ether | | | 1 - < 5 % |
| | 225-878-4 | 603-052-00-8 | 01-2119475527-28 | |
| | Skin Irrit. 2, Eye Irrit. 2; H315 H319 | | | |

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004
perfumes.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

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

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water.

After contact with eyes

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

After ingestion

Rinse mouth immediately and drink plenty of water. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

No known symptoms to date. In all cases of doubt, or when symptoms persist, seek medical advice.

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

Treat symptomatically. May produce an allergic reaction. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

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.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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.

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****Advice on safe handling**

Avoid contact with skin and eyes. Observe instructions for use. Use only in well-ventilated areas.

Advice on protection against fire and explosion

The product is not: Combustible.

The product is not: Explosive.

Further information on handling

No special handling instructions are necessary.

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

Keep container tightly closed. Protect against direct sunlight. Store in a cool dry place. Recommended storage temperature: at room temperature

Advice on storage compatibility

No special measures are necessary.

Further information on storage conditions

Minimum storage temperature: 15°C

Maximum storage temperature: 25°C

7.3. Specific end use(s)

Notice the directions for use on the label.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

Exposure limit values: No data available

8.2. Exposure controls**Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection.

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Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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.

Recommendation:

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material 0.2 mm

Breakthrough time (maximum wearing time) 480 min

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. Tested protective gloves must be worn DIN EN 374

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | liquid |
| Colour: | blue |
| Odour: | characteristic |

| | |
|-----------|-----------|
| pH-Value: | 7.0 - 8.0 |
|-----------|-----------|

Changes in the physical state

| | |
|----------------|----------------|
| Melting point: | not determined |
|----------------|----------------|

| | |
|--|-------------------|
| Initial boiling point and boiling range: | No data available |
|--|-------------------|

| | |
|--------------|-------------------|
| Flash point: | No data available |
|--------------|-------------------|

Flammability

| | |
|--------|----------------|
| Solid: | not applicable |
|--------|----------------|

| | |
|------|----------------|
| Gas: | not applicable |
|------|----------------|

Explosive properties

not applicable

| | |
|-------------------------|----------------|
| Lower explosion limits: | not determined |
|-------------------------|----------------|

| | |
|-------------------------|----------------|
| Upper explosion limits: | not determined |
|-------------------------|----------------|

| | |
|-----------------------|----------------|
| Ignition temperature: | not determined |
|-----------------------|----------------|

Auto-ignition temperature

| | |
|--------|----------------|
| Solid: | not applicable |
|--------|----------------|

| | |
|------|----------------|
| Gas: | not applicable |
|------|----------------|

| | |
|----------------------------|----------------|
| Decomposition temperature: | not determined |
|----------------------------|----------------|

Oxidizing properties

Not oxidising.

| | |
|------------------|----------------|
| Vapour pressure: | not determined |
|------------------|----------------|

| | |
|------------------|----------------|
| Vapour pressure: | not determined |
|------------------|----------------|

| | |
|----------|---|
| Density: | 0.990 - 1.000 g/cm ³ ASTM D 7777 |
|----------|---|

| | |
|---------------|----------------|
| Bulk density: | not applicable |
|---------------|----------------|

| | |
|-------------------|---------------------|
| Water solubility: | completely miscible |
|-------------------|---------------------|

Test method

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Solubility in other solvents

not determined

Partition coefficient:

not determined

Viscosity / dynamic:

not determined

Viscosity / kinematic:

not determined

Flow time:

not determined

Vapour density:

not determined

Evaporation rate:

not determined

9.2. Other information

Solid content:

not determined

none

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Conditions to avoid: frost. Protect from sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

| CAS No | Chemical name | | | | |
|-----------|---|------------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 1569-01-3 | 1-propoxy-2-propanol | | | | |
| | oral | LD50 >2000 mg/kg | Rat | | |
| | dermal | LD50 2000 mg/kg | Rabbit | | |
| | inhalative (4 h) vapour | LC50 8.34 mg/l | Rat | | |
| 5131-66-8 | 3-butoxypropan-2-ol, propylene glycol monobutyl ether | | | | |
| | oral | LD50 3300 mg/kg | Rat | | |
| | dermal | LD50 >2000 mg/kg | Rat | | |
| | inhalative (4 h) vapour | LC50 >3.5 mg/l | Rat | | |

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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.

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.

Additional information on tests

Classification according to Regulation (EC) No 1272/2008 [CLP] Calculation method. The product has not been tested.

SECTION 12: Ecological information
12.1. Toxicity

The product is not: Ecotoxic.

| CAS No | Chemical name | | | | | |
|-----------|---|------------------|-----------|-------------------------------------|--------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 1569-01-3 | 1-propoxy-2-propanol | | | | | |
| | Acute fish toxicity | LC50 >100 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 1466 mg/l | 96 h | Pseudokirchneriella subcapitata | | |
| | Acute crustacea toxicity | EC50 >100 mg/l | 48 h | Daphnia magna (Big water flea) | | |
| 5131-66-8 | 3-butoxypropan-2-ol, propylene glycol monobutyl ether | | | | | |
| | Acute fish toxicity | LC50 >560 mg/l | 96 h | Poecilia reticulata (Guppy) | | |
| | Acute algae toxicity | ErC50 >1000 mg/l | 96 h | Pseudokirchneriella subcapitata | | |
| | Acute crustacea toxicity | EC50 >1000 mg/l | 48 h | Daphnia magna (Big water flea) | | |
| | Algae toxicity | NOEC 560 mg/l | 96 d | Pseudokirchneriella subcapitata | | |

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.

| CAS No | Chemical name | | | |
|-----------|---|-------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 1569-01-3 | 1-propoxy-2-propanol | | | |
| | OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A | 91.5% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |
| 5131-66-8 | 3-butoxypropan-2-ol, propylene glycol monobutyl ether | | | |
| | OECD 301E/ EEC 92/69/V, C.4-B | 90% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |

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12.3. Bioaccumulative potential

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|-----------|---|---------|
| 1569-01-3 | 1-propoxy-2-propanol | 0.621 |
| 5131-66-8 | 3-butoxypropan-2-ol, propylene glycol monobutyl ether | 1.2 |

12.4. Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater.

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.

Further information

Avoid release to the environment.

Classification according to Regulation (EC) No 1272/2008 [CLP] The product has not been tested.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

Waste disposal number of used product

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

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

not applicable

SECTION 15: Regulatory information

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information

2010/75/EU (VOC): 2.5 % (24.75 g/l)

2004/42/EC (VOC): 2.5 % (24.75 g/l)

National regulatory information

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

15.2. Chemical safety assessment

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

SECTION 16: Other information
Changes

 This data sheet contains changes from the previous version in section(s):
 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16.

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)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 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.

Identified uses

| No | Short title | LCS | SU | PC | PROC | ERC | AC | TF | Specification |
|----|--|-----|-------|----|------|-----|----|----|---------------|
| 1 | Allzweckreiniger/ Unterhaltsreiniger/Grundre- iniger | - | 22, 0 | 35 | 0 | 10b | 30 | - | 2 |

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

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