# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Wetrok Shampoo



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

### 1.1. Product identifier

Wetrok Shampoo

### 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<br>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<br>Mobile + 41 (0)79 657 45 20 | |

### 1.4. Emergency telephone number:

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

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Indications of danger: Xi - Irritant
R phrases:
Irritating to eyes.

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

Hazard categories:
Serious eye damage/eye irritation: Eye Dam. 1
Hazard Statements:
Causes serious eye damage.

### 2.2. Label elements

**Hazard components for labelling**

Sulfuric acid, mono-C10-16-alkylester, Na-salt

Signal word: Danger

Pictograms: GHS05

**Hazard statements**

H318 Causes serious eye damage.

**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

**Special labelling of certain mixtures**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

**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**

**Hazardous components**

| EC No | Chemical name | Quantity |
|---|---|---|
| CAS No | Classification according to Directive 67/548/EEC | |
| Index No | Classification according to Regulation (EC) No. 1272/2008 [CLP] | |
| REACH No | | |
| | Sulfuric acid, mono-C10-16-alkylester, Na-salt | 5 - < 10 % |
| 68585-47-7 | Xn - Harmful, Xi - Irritant R22-38-41 | |
| | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1; H302 H315 H318 | |
| 01-2119489463-28 | | |
| 220-120-9 | 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one | < 0.1 % |
| 2634-33-5 | Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R22-38-41-43-50 | |
| 613-088-00-6 | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400 | |

Full text of R, H and EUH phrases: see section 16.

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

perfumes (Geraniol), preservation agents (Benzisothiazolinone, Methylisothiazolinone).

## 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. In case of breathing difficulties administer oxygen. Medical treatment necessary.

**After contact with skin**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

**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**

Suppress gases/vapours/mists with water spray jet. 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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### 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**

When using do not eat, drink, smoke, sniff. 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**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary . When using do not eat or drink. When using do not eat, drink, smoke, sniff.

**Eye/face protection**

Suitable eye protection: goggles.

**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. 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 are to be worn: DIN EN 374

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Respiratory protection necessary at: insufficient ventilation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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

| | | Test method |
|---|---|---|
| pH-Value: | 6.0 - 7.0 | |

**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 oxidizing. | | |
| Vapour pressure: | not determined | |
| Vapour pressure: | not determined | |
| Density: | 1.010 - 1.020 g/cm³ | ASTM D 7777 |
| Bulk density: | not applicable | |
| Water solubility: | completely miscible | |
| **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 routes | Method | Dose | Species | Source |
| 68585-47-7 | Sulfuric acid, mono-C10-16-alkylester, Na-salt | | | | |
| | oral | LD50 | >1800 mg/kg | Rat | |
| | dermal | LD50 | >2000 mg/kg | Rabbit | |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one | | | | |
| | oral | ATE | 500 mg/kg | | |

**Irritation and corrosivity**

Causes serious eye damage.

**Sensitising effects**

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

**STOT-single exposure**

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

**Severe effects after repeated or prolonged exposure**

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.

**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] The product has not been tested.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

| CAS No | Chemical name | | | | | |
|---|---|---|---|---|---|---|
| | Aquatic toxicity | Method | Dose | [h] \| [d] | Species | Source |
| 68585-47-7 | Sulfuric acid, mono-C10-16-alkylester, Na-salt | | | | | |
| | Acute fish toxicity | LC50 | 3.6 mg/l | 96 h | | |
| | Acute algae toxicity | ErC50 | >20 mg/l | 72 h | | |
| | Acute crustacea toxicity | EC50 | 4.7 mg/l | 48 h | | |
| | Fish toxicity | NOEC | 0.11 mg/l | 34 d | | |

### 12.2. Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

### 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**

Discharge into the environment must be avoided.

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. Do not allow to enter into soil/subsoil. 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
Classified as 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
Classified as hazardous waste.

**Contaminated packaging**

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

## SECTION 14: Transport information

**Land transport (ADR/RID)**

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

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

## SECTION 15: Regulatory information

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

**EU regulatory information**

| | |
|---|---|
| 2010/75/EU (VOC): | 0.003 % (0.03 g/l) |
| 2004/42/EC (VOC): | 0.003 % (0.03 g/l) |

**Additional information**

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC.

**National regulatory information**

| | |
|---|---|
| Employment restrictions: | Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). |
| Water contaminating class (D): | 2 - 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 R phrases (number and full text)**

| | |
|---|---|
| 22 | Harmful if swallowed. |
| 36 | Irritating to eyes. |
| 38 | Irritating to skin. |
| 41 | Risk of serious damage to eyes. |
| 43 | May cause sensitisation by skin contact. |
| 50 | Very toxic to aquatic organisms. |

**Relevant H and EUH statements (number and full text)**

| | |
|---|---|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H400 | Very toxic to aquatic life. |
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction. |

**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.)*