

Wetrok Karpfrost

Date : 13/4/2006
Supersedes : 2/2/2006

Producer

Wetrok AG
Steinackerstr. 62
8302 Kloten Switzerland
Tel. +41 43 255 51 51
E-Mail: chemie@wetrok.ch
Information: Mo-Fr 08.00-17.00
In case of emergency : Tox-Informationszentrum: +41 44 251 51 51 (Notfall
Tel. 145)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade name : Wetrok Karpfrost
Product code : T6
Type of product : detergent
Use : Industrial. For professional use only.
Company identification : Wetrok AG
Steinackerstr. 62
8302 Kloten Switzerland
www.wetrok.ch / chemie@wetrok.ch
Emergency phone no. : Toxikologisches Informationszentrum: +41 44 251 51 51 (Notfall Tel. 145)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.

Substances presenting a health or environmental hazard (Directive 67/548/EEC):

Substance name	Contents	CAS No	EC No	Index No	Classification
Dimethyl Ether	: Between 50 and 75 %	115-10-6	204-065-8	603-019-00-8	F+; R12
Butane	: Between 15 and 30 %	106-97-8	203-448-7	601-004-00-0	F+; R12
Propane	: Between 15 and 30 %	74-98-6	200-827-9	601-003-00-5	F+; R12

3. HAZARDS IDENTIFICATION

Hazard information : Extremely flammable.
Symptoms relating to use
- **Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.

4. FIRST AID MEASURES

General details : Seek medical attention if ill effects or irritation develops.
- **Inhalation** : Assure fresh air inhalation.
- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- **Eye contact** : In case of eye contact, immediately rinse with clean water for 10-15 minutes.
- **Ingestion** : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting.

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5. FIRE-FIGHTING MEASURES

Flammability class	: This product is flammable.
Special hazards	: May form flammable/explosive vapour-air mixture.
Suitable extinguishing media	: All known extinguishing agents can be used.
Confining fire	: Use water spray or fog for cooling exposed containers.
Special measures	: Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Eliminate ignition sources.
Environmental precautions	: No known ecological damage caused by this product.
Cleaning methods	: Collect spills and put into a provided container. Flush out with plenty of water. Flush/dilute residue with water. Spill area may be slippery.

7. HANDLING AND STORAGE

General	: Keep away from sources of ignition - do not smoke.
Technical protective measures	: Proper grounding procedures to avoid static electricity should be followed.
Handling	: Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Handle empty containers with care because residual vapours are flammable. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.
Storage	: Keep only in the original container in a cool, well ventilated place. Protect from frost. Keep in fireproof place. Keep container closed when not in use. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Storage - not in close proximity to	: Heat sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Industrial hygiene	: Avoid contact of the undiluted product with the skin, the eyes and clothing. When using, do not eat, drink or smoke.
Personal protection	
- Breathing apparatus	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Skin protection	: No special clothing/skin protection equipment is recommended under normal conditions of use.
- Eye Protection	: Eye protection should only be necessary where liquid could be splashed or sprayed.
Occupational Exposure Limits	: Dimethylether : TLV [®] -TWA [mg/m ³] : 1920 Dimethylether : TLV [®] -TWA [ppm] : 1000 Butane : TLV [®] -TWA [ppm] : 800 Butane : OEL (UK)-LTEL [ppm] : 600 Butane : OEL (UK)-STEL [ppm] : 750 Propane : MAK - Germany [mg/m ³] : 1800

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C	: Aerosol.
Colour	: Colourless.
Odour	: Solvent.
pH-value	: Not applicable.
Boiling point [°C]	: -44
Vapour pressure, 20°C	: 23 hPa
Solubility in water	: Material is insoluble in water.
Flash point [°C]	: -97
Auto-ignition temperature [°C]	: 235
Explosion limits - lower [%]	: 1.5
Explosion limits - upper [%]	: 18.6

10. STABILITY AND REACTIVITY

Stability and reactivity	: Stable under normal conditions.
Hazardous reactions	: None under normal conditions.
Hazardous properties	: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Toxicity information	: With the product as such no toxicological tests have been conducted. According to the criteria of 1999/45/EC this product is not toxic. Components that are toxic are mentioned in section 2.
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12. ECOLOGICAL INFORMATION

Information about ecological effects	: With the product as such no ecotoxicological tests have been conducted. According to the criteria of 1999/45/EC this product is not dangerous for the environment. Components that are dangerous to the environment are mentioned in section 2. The tenside contained in the preparation fulfils (the tensides contained in the preparation fulfil) the conditions for biodegradability as laid down in the regulations (EG) no. 648/2004 for detergents.
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13. DISPOSAL CONSIDERATIONS

General	: Dispose in a safe manner in accordance with local/national regulations.
Waste code (259/93/EWG)	: 16 05 04: Gases in pressurised containers (including halons) containing dangerous substances.
Industrial waste number (ÖNorm S2100)	: 59803: Pressurised gas containers (spray cans) with residues.

14. TRANSPORT INFORMATION

UN No.	: 1950
Proper technical name	: UN1950 AEROSOLS, 2.1, 5F
H.I. no	: --
ADR Class	: 2
ADR Packing group	: F
ADR labelling	: 2.1

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14. TRANSPORT INFORMATION (continued)



Limited quantity

: LQ 2
Combination packaging - Inner packaging: Maximum : 1 l
Combination packaging - Package: Maximum : 30 kg
Inner packaging placed in shrink-wrapped or stretch-wrapped trays - Inner packaging: Maximum contents : 1 l
Inner packaging placed in shrink-wrapped or stretch-wrapped trays - Package Maximum : 20 kg

15. REGULATORY INFORMATION



Symbol(s)

: F+ : Extremely flammable

R-Phrases

: R12 : Extremely flammable.

S-phrases

: S23 : Do not breathe spray.
S46 : If swallowed seek medical advice immediately and show this container or label.
S51 : Use only in well-ventilated areas.

Aerosols (75/324/EWG)

: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Composition

: Regulation 648/2004/EG from 31 March 2004 for detergents.

16. OTHER INFORMATION

List of relevant R-phrases (Item 2)

: R12 : Extremely flammable.

Revision

: Changes in the text compared to former version are indicated with *.
WKA FRK001

Prepared by

: Reto Della Casa
Wetrok Regulatory Affairs

Contents and format of this safety data sheet comply with the directive 2001/58/EC.

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