

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Glass cleaner, aerosol

Print date : 25.11.2008

Product code : BO5107900

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Glass cleaner, aerosol

Use of the substance/preparation

cleaning agent

Company/undertaking identification

Company name :	BOHLE AG	
Street :	Dieselstr. 10	
Place :	D-42781 Haan	
Telephone :	02129 5568-0	Telefax : 02129 5568 282
e-mail :	info@bohle.de	
Inquiry office :	chemische Entwicklung	

2. Hazards identification

Classification

Indications of danger : Extremely flammable

R-phrases :

Extremely flammable.

3. Composition/information on ingredients

Chemical characterization (preparation)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
270-704-2	68476-85-7	Petroleum gas, Petroleum gases, liquefied	<20 %	F+ R12
203-539-1	107-98-2	1-methoxy-2-propanol, monopropylene glycol methyl ether	<5 %	R10
200-661-7	67-63-0	isopropanol, isopropyl alcohol, propan-2-ol	<5 %	F, Xi R11-36-67

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

Move to fresh air. Artificial respiration and/or oxygen may be necessary.

After inhalation

Move to fresh air.

After contact with skin

Wash off with warm water and soap. Wash frost-bitten areas with plenty of water. Do not remove clothing.

After contact with eyes

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

After ingestion

Immediately give large quantities of water to drink. Do not induce vomiting. Consult a physician if necessary.

5. Fire-fighting measures

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Suitable extinguishing media

dry chemical carbon dioxide (CO₂)

Extinguishing media which must not be used for safety reasons

high volume water jet

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Additional information

Use water spray to cool unopened containers.

6. Accidental release measures

Personal precautions

Evacuate personnel to safe areas. Use personal protective equipment. Remove all sources of ignition.

7. Handling and storage

Handling

Advice on safe handling

When using, do not eat, drink or smoke.

Advice on protection against fire and explosion

Do not smoke. Keep away from heat and sources of ignition. Keep product and empty container away from heat and sources of ignition. Take precautionary measures against static discharges.

Further information on handling

Keep away from direct sunlight. Also after use, do not open with force or burn.

Storage

Requirements for storage rooms and vessels

Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
68476-85-7	Liquefied petroleum gas	1000	1750		TWA (8 h)	WEL
		1250	2180		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Exposure controls

Occupational exposure controls

Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

Protective and hygiene measures

Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feeding stuffs.

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Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

PVC or other plastic material gloves

Eye protection

tightly fitting safety goggles

Skin protection

Wear suitable protective equipment.

9. Physical and chemical properties**General information**

Physical state : aerosol
Colour : colourless white
Odour : characteristic

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point : -40 °C

10. Stability and reactivity**Conditions to avoid**

No decomposition if stored and applied as directed.

Materials to avoid

oxidizing agents

Hazardous decomposition products

Carbon monoxide

11. Toxicological information**Acute toxicity**

None known.

Severe effects after repeated or prolonged exposure

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Additional information on tests

Health injuries are not known or expected under normal use. Concentration above the admissible concentration at the workplace may cause dizziness, headache and inebriation. Rapid evaporation of the liquid may cause frostbite.

12. Ecological information**Ecotoxicity**

This product has no known eco-toxicological effects. Ecological injuries are not known or expected under normal use.

13. Disposal considerations**Waste disposal number of waste from residues/unused products**

160505 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers other than those mentioned in 16 05 04

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14. Transport information

Land transport (ADR/RID)

UN number : 1950
 ADR/RID class : 2
 Warning plate
 Hazard label : 2.1

Description of the goods

DRUCKGASPACKUNGEN, entzündbar

15. Regulatory information

Labelling

Danger symbols : F+ - Extremely flammable



F+ - Extremely flammable

R phrases

12 Extremely flammable.

S phrases

03 Keep in a cool place.
 09 Keep container in a well-ventilated place.
 15 Keep away from heat.
 16 Keep away from sources of ignition - No smoking.
 21 When using do not smoke.
 23 Do not breathe spray .
 33 Take precautionary measures against static discharges.
 35 This material and its container must be disposed of in a safe way.
 41 In case of fire and/or explosion do not breathe fumes.
 51 Use only in well-ventilated areas.

Special labelling for certain preparations

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.

National regulatory information

16. Other information

Full text of R-phrases referred to under sections 2 and 3

10 Flammable.
 11 Highly flammable.
 12 Extremely flammable.
 36 Irritating to eyes.
 67 Vapours may cause drowsiness and dizziness.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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