

Page 1 of 19 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 14.10.2020 / 0015 Replacing version dated / version: 18.07.2019 / 0014 Valid from: 14.10.2020 PDF print date: 15.12.2020 Bremsen-Antiquietschspray

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

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Bremsen-Antiquietschspray

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

Lubricant Sector of use [SU]: SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites SU21 - Consumer uses: Private households (=general public = consumers) SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen) Chemical product category [PC]: PC24 - Lubricants, greases, release products Process category [PROC]: PROC 7 - Industrial spraying PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) PROC10 - Roller application or brushing PROC11 - Non industrial spraying Article Categories [AC]: AC99 - Not required. Environmental Release Category [ERC]: ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article) ERC 7 - Use of functional fluid at industrial site ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH Jerg-Wieland-Str. 4 89081 Ulm-Lehr Tel.: (+49) 0731-1420-0 Fax: (+49) 0731-1420-88

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (LMR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) 1272/2008 (CLP)



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Hazard class	Hazard category	Hazard statement
Skin Irrit.	2	H315-Causes skin irritation.
Eye Dam.	1	H318-Causes serious eye damage.
STOT SE	3	H336-May cause drowsiness or dizziness.
Aquatic Chronic	3	H412-Harmful to aquatic life with long lasting effects.
Aerosol	1	H222-Extremely flammable aerosol.
Aerosol	1	H229-Pressurised container: May burst if heated.

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)



H315-Causes skin irritation. H318-Causes serious eye damage. H336-May cause drowsiness or dizziness. H412-Harmful to aquatic life with long lasting effects. H222-Extremely flammable aerosol. H229-Pressurised container: May burst if heated.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children.

P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211-Do not spray on an open flame or other ignition source. P251-Do not pierce or burn, even after use. P261-Avoid breathing vapours or spray. P271-Use only outdoors or in a well-ventilated area. P280-Wear protective gloves / 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.

P405-Store locked up. P410+P412-Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

P501-Dispose of contents / container to an approved waste disposal facility.

EUH211-Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Without adequate ventilation, formation of explosive mixtures may be possible. Calcium dihydroxide Hydrocarbons, C6, isoalkanes, <5% n-hexane

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

SECTION 3: Composition/information on ingredients

3.1 Substances

n.a. 3.2 Mixtures

J.Z WIXTURES	
Hydrocarbons, C6, isoalkanes, <5% n-hexane	
Registration number (REACH)	
Index	
EINECS, ELINCS, NLP	931-254-9 (REACH-IT List-No.)
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CAS	(64742-49-0)
content %	20-<25
Classification according to Regulation (EC) 1272/2008 (CLP)	Flam. Liq. 2, H225
	Asp. Tox. 1, H304
	Skin Irrit. 2, H315
	STOT SE 3, H336
	Aquatic Chronic 2, H411

Calcium dihydroxide	Substance for which an EU exposure limit value applies.
Registration number (REACH)	
Index	
EINECS, ELINCS, NLP	215-137-3
CAS	1305-62-0
content %	3-<5
Classification according to Regulation (EC) 1272/2008 (CLP)	STOT SE 3, H335
	Skin Irrit. 2, H315
	Eye Dam. 1, H318

Titanium dioxide (in powder form containing 1 % or more of particles	
with aerodynamic diameter <= 10 µm)	
Registration number (REACH)	
Index	022-006-002
EINECS, ELINCS, NLP	236-675-5
CAS	13463-67-7
content %	1-<5
Classification according to Regulation (EC) 1272/2008 (CLP)	Carc. 2, H351 (as inhalation)

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Typically no exposure pathway. Rinse the mouth thoroughly with water. Do not induce vomiting. Consult doctor immediately. Danger of aspiration.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours. The following may occur: Irritation of the eyes Irritation of the respiratory tract Coughing Headaches Nausea



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Effects/damages the central nervous system Narcotic effect. With long-term contact: Dermatitis (skin inflammation) Drying of the skin. Other dangerous properties cannot be ruled out. **4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media

Extinction powder Sand

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Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop: Oxides of carbon Toxic gases Danger of bursting (explosion) when heated Explosive vapour/air or gas/air mixtures.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

6.2 Environmental precautions

Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous. Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods and material for containment and cleaning up

If spray or gas escapes, ensure ample fresh air is available. Without adequate ventilation, formation of explosive mixtures may be possible. Active substance:

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13. Do not wash away with water or watery cleaning agents.

Do not wash away with water or watery cleaning ac

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation. Keep away from sources of ignition - Do not smoke. Take measures against electrostatic charging, if appropriate.



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Do not use on hot surfaces. Avoid contact with eyes or skin. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use. Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals. Not to be stored in gangways or stair wells. Store product closed and only in original packing. Do not store with oxidizing agents. Observe special regulations for aerosols! Observe special storage conditions. Keep protected from direct sunlight and temperatures over 50°C. Store in a well ventilated place.

7.3 Specific end use(s)

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No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40): 800 mg/m3

WEL-TWA: 800 mg/m3 WEL-STEL: Monitoring procedures: - Draeger - Hydrocarbons 0,1%/c (81 03 571) Monitoring procedures: - Draeger - Hydrocarbons 2/a (81 03 581) BMGV: Other information: (OEL acc. to RCP-method, paragraphs 84-87, EH40) Other information: (OEL acc. to RCP-method, paragraphs 84-87, EH40) @ Chemical Name Calcium dihydroxide Content %:3-<5 WEL-TWA: 1 mg/m3 (9) (WEL, EU) WEL-STEL: 4 mg/m3 (9) (WEL, EU) Monitoring procedures: ISO 15202 (Workplace air - Determination of metals and metalloids in airborne particulate matter by Inductively Coupled Plasma Atomic Emission Spectrometry), Part - - 1-3 - 2012(Part 1), 2012(Part 2), 2004 (Part 3) - NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic absorption)) - 2002 - EU project BC/CEN/EN/TR/000/2002-16 card 42-4 (2004) - Other information: IMGV: Other information: Other information:
Draeger - Hydrocarbons 2/a (81 03 581) Compur - KITA-187 S (551 174) BMGV: Content %:3-<5 WEL-TWA: 1 mg/m3 (9) (WEL, EU) WEL-STEL: 4 mg/m3 (9) (WEL, EU) Content %:3-<5 WEL-TWA: 1 mg/m3 (9) (WEL, EU) VEL-STEL: 4 mg/m3 (9) (WEL, EU) Monitoring procedures: ISO 15202 (Workplace air - Determination of metals and metalloids in airborne particulate matter by Inductively Coupled Plasma Atomic Emission Spectrometry), Part - 1-3 - 2012(Part 1), 2012(Part 2), 2004 (Part 3) - NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) - OSHA PV2121 (Gravimetric Determination) - 2003 BMGV:
Compur - KITA-187 S (551 174) BMGV: BMGV: BMGV: Calcium dihydroxide Calcium dihydroxide Content %:3-<5 WEL-TWA: 1 mg/m3 (9) (WEL, EU) WEL-STEL: 4 mg/m3 (9) (WEL, EU) Monitoring procedures: ISO 15202 (Workplace air - Determination of metals and metalloids in airborne particulate matter by Inductively Coupled Plasma Atomic Emission Spectrometry), Part - 1-3 - 2012(Part 1), 2012(Part 2), 2004 (Part 3) - NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic - absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) - OSHA PV2121 (Gravimetric Determination) - 2003 BMGV:
BMGV: Other information: (OEL acc. to RCP-method, paragraphs 84-87, EH40) Image: Chemical Name Calcium dihydroxide Image: Chemical Name Content %:3-<5
Image: Chemical Name Calcium dihydroxide Content %:3-<5 WEL-TWA: 1 mg/m3 (9) (WEL, EU) Monitoring procedures: ISO 15202 (Workplace air - Determination of metals and metalloids in airborne particulate matter by Inductively Coupled Plasma Atomic Emission Spectrometry), Part Monitoring procedures: ISO 15202 (Part 1), 2012(Part 2), 2004 (Part 3) NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic - absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) - BMGV: Other information:
WEL-TWA: 1 mg/m3 (9) (WEL, EU) Monitoring procedures: ISO 15202 (Workplace air - Determination of metals and metalloids in airborne particulate matter by Inductively Coupled Plasma Atomic Emission Spectrometry), Part - 1-3 - 2012(Part 1), 2012(Part 2), 2004 (Part 3) - NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic - absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) - OSHA PV2121 (Gravimetric Determination) - 2003
Monitoring procedures: ISO 15202 (Workplace air - Determination of metals and metalloids in airborne particulate matter by Inductively Coupled Plasma Atomic Emission Spectrometry), Part - 1-3 - 2012(Part 1), 2012(Part 2), 2004 (Part 3) - NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic - absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) - OSHA PV2121 (Gravimetric Determination) - 2003 BMGV:
particulate matter by Inductively Coupled Plasma Atomic Emission Spectrometry), Part - 1-3 - 2012(Part 1), 2012(Part 2), 2004 (Part 3) - NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic - absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) - OSHA PV2121 (Gravimetric Determination) - 2003 BMGV: Other information:
 1-3 - 2012(Part 1), 2012(Part 2), 2004 (Part 3) NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) OSHA PV2121 (Gravimetric Determination) - 2003
NIOSH 7020 (CALCIUM and compounds, as Ca) - 1994 OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) OSHA PV2121 (Gravimetric Determination) - 2003 BMGV: Other information:
OSHA ID-121 (Metal and metalloid particulates in workplace atmospheres (Atomic absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) BMGV: OSHA PV2121 (Gravimetric Determination) - 2003 BMGV: Other information:
- absorption)) - 2002 - EU project BC/CEN/ENTR/000/2002-16 card 42-4 (2004) - OSHA PV2121 (Gravimetric Determination) - 2003 BMGV: Other information: Titapium dioxide (in powder form containing 1 % or more of particles with Content %:1-c5
OSHA PV2121 (Gravimetric Determination) - 2003 BMGV: OSHA PV2121 (Gravimetric Determination) - 2003 Other information:
BMGV: Other information:
Image: Standard Stand Standard Standard Stand Standard Standard Stand Standa
Utanium dioxide (in powder form containing 1 % or more of particles with Content %:1-<5
Chemical Name aerodynamic diameter <= 10 µm)
(respirable dust)
Monitoring procedures:
BMGV: Other information:
Image: Chemical Name Butane Content %:
WEL-TWA: 600 ppm (1450 mg/m3) WEL-STEL: 750 ppm (1810 mg/m3)
Monitoring procedures: - Compur - KITA-221 SA (549 459)
- OSHA PV2010 (n-Butane) - 1993
BMGV: Other information:
Image: Chemical Name Propane Content %:
WEL-TWA: 1000 ppm (ACGIH) WEL-STEL:



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Monitoring	procedures:
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Compur - KITA-125 SA (549 954) OSHA PV2077 (Propane) - 1990

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BMGV:		,		Other information:	
Chemical Name	Isobutane				Content %:
WEL-TWA: 1000 ppm (EX) (ACGI	H)	WEL-STEL:			
Monitoring procedures:	-	Compur - KITA-1	113 SB(C) (549 368)	
BMGV:				Other information:	

Hydrocarbons, C6, isoall	kanes, <5% n-hexane					
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Consumer	Human - oral	Long term, systemic effects	DNEL	1301	mg/kg bw/day	
Consumer	Human - dermal	Long term, systemic effects	DNEL	1377	mg/kg bw/day	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	1131	mg/m3	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	13964	mg/kg bw/day	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	5306	mg/m3	

Calcium dihydroxide						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,49	mg/l	
	Environment - soil		PNEC	1080	mg/kg dw	
	Environment - marine		PNEC	0,32	mg/l	
	Environment - sewage treatment plant		PNEC	3	mg/l	
	Environment - sporadic (intermittent) release		DMEL	0,49	mg/l	
Consumer	Human - inhalation	Short term, local effects	DNEL	4	mg/m3	
Consumer	Human - inhalation	Long term, local effects	DNEL	1	mg/m3	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	4	mg/m3	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	1	mg/m3	

Area of application	Exposure route / Environmental	Effect on health	Descriptor	Value	Unit	Note
	compartment					
	Environment - freshwater		PNEC	0,184	mg/l	
	Environment - marine		PNEC	0,0184	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	0,193	mg/l	
	Environment - sewage treatment plant		PNEC	100	mg/l	
	Environment - sediment, freshwater		PNEC	1000	mg/kg dw	
	Environment - sediment, marine		PNEC	100	mg/kg dw	
	Environment - soil		PNEC	100	mg/kg dw	
	Environment - oral (animal feed)		PNEC	1667	mg/kg feed	



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Consumer	Human - oral	Long term, systemic effects	DNEL	700	mg/kg bw/d	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	10	mg/m3	

Distillates (petroleum), hydrotreated heavy paraffinic

Area of application	Exposure route / Environmental	Effect on health	Descriptor	Value	Unit	Note
	compartment Environment - oral (animal feed)		PNEC	9,33	mg/kg	
Consumer Workers / employees	Human - inhalation Human - inhalation	Long term, local effects Long term, local effects	DNEL DNEL	1,2 5,58	mg/m3 mg/m3	24h 8h

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection: Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection: Protective nitrile gloves (EN 374). Minimum layer thickness in mm: >= 0,4 Permeation time (penetration time) in minutes: <= 480 Protective hand cream recommended. The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time. Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection: Normally not necessary.



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If OES or MEL is exceeded. Gas mask filter A (EN 14387), code colour brown At high concentrations: Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138) Observe wearing time limitations for respiratory protection equipment.

Thermal hazards: See above.

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Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Aerosol. Active substance: liquid.
Colour:	Light grey
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	n.a.
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	n.a.
Flash point:	n.a.
Evaporation rate:	n.a.
Flammability (solid, gas):	Not determined
Lower explosive limit:	1,0 Vol-%
Upper explosive limit:	10,9 Vol-%
Vapour pressure:	4300 hPa (20°C)
Vapour density (air = 1):	Vapours heavier than air.
Density:	0,63 g/ml (20°C)
Bulk density:	n.a.
Solubility(ies):	Not determined
Water solubility:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	200 °C (Ignition temperature)
Auto-ignition temperature:	No
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Product is not explosive. When using: development of explosive
	vapour/air mixture possible.
Oxidising properties:	No
9.2 Other information	
Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

SECTION 10: Stability and reactivity

10.1 ReactivityThe product has not been tested.10.2 Chemical stability



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Stable with proper storage and handling. 10.3 Possibility of hazardous reactions

Hazardous reactions will not occur during storage and handling under normal conditions.

10.4 Conditions to avoid

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Heating, open flame, ignition sources

Pressure increase will result in danger of bursting.

10.5 Incompatible materials

Avoid contact with oxidizing agents.

10.6 Hazardous decomposition products

No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

Bremsen-Antiquietschspray						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin						n.d.a.
sensitisation:						
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity -						n.d.a.
single exposure (STOT-SE):						
Specific target organ toxicity -						n.d.a.
repeated exposure (STOT-RE):						
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.
Other information:						Classification
						according to
						calculation
						procedure.

Hydrocarbons, C6, isoalkanes, <5% n-hexane								
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes		
Acute toxicity, by oral route:	LD50	>16750	mg/kg	Rat	OECD 401 (Acute Oral			
					Toxicity)			
Acute toxicity, by dermal route:	LD50	>3350	mg/kg	Rabbit	OECD 402 (Acute			
					Dermal Toxicity)			
Acute toxicity, by inhalation:	LC50	259354	mg/m3	Rat	OECD 403 (Acute			
					Inhalation Toxicity)			
Skin corrosion/irritation:						Skin Irrit. 2		
Respiratory or skin				Mouse	OECD 429 (Skin	No (skin contact)		
sensitisation:					Sensitisation - Local			
					Lymph Node Assay)			
Aspiration hazard:						Asp. Tox. 1		



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Symptoms:		drowsiness, unconsciousness
		, heart/circulatory
		disorders,
		headaches,
		cramps,
		drowsiness,
		mucous
		membrane
		irritation,
		dizziness,
		nausea and
		vomiting.

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat	OECD 425 (Acute Oral	
					Toxicity - Up-and-Down	
					Procedure)	
Acute toxicity, by dermal route:	LD50	>2500	mg/kg	Rabbit	OECD 402 (Acute	
			5.5		Dermal Toxicity)	
Skin corrosion/irritation:					OECD 431 (In Vitro Skin	Non-caustic
					Corrosion - Human Skin	
					Model Test)	
Skin corrosion/irritation:				Rabbit		Irritant, in vivo
Serious eye damage/irritation:				Rabbit		Risk of serious
, 5						damage to
						eyes., in vivo
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye	Eye Dam. 1
conous eye damage/imation.				Rabbit	Irritation/Corrosion)	Lyo Dam. T
Respiratory or skin						Not to be
sensitisation:						expected
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative
Gerni cell mutagenicity.					Reverse Mutation Test)	Negative
						Nogotivo
Germ cell mutagenicity:					OECD 473 (In Vitro	Negative
					Mammalian	
					Chromosome	
-					Aberration Test)	
Germ cell mutagenicity:					OECD 476 (In Vitro	Negative
					Mammalian Cell Gene	
					Mutation Test)	
Carcinogenicity:				Rat		Negative,
						administered as
						Ca-lactate
Reproductive toxicity:				Mouse		Negative,
· ·						administered as
						Ca-carbonate
Specific target organ toxicity -						Irritation of the
single exposure (STOT-SE):						respiratory tract
Specific target organ toxicity -		36	mg/kg			oral (UL by SCI
repeated exposure (STOT-RE):			bw/d			
Specific target organ toxicity -						Negative, derm
repeated exposure (STOT-RE):						regative, denni
Aspiration hazard:						No



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Symptoms:		breathing
		difficulties,
		abdominal pain,
		drowsiness,
		thirst, fever, sore
		throat, cornea
		opacity,
		coughing,
		headaches,
		mucous
		membrane
		irritation, fatigue

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 425 (Acute Oral Toxicity - Up-and-Down	
A suite terrisity, by demost results.		. 5000		Dahbit	Procedure)	
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LD50	>6,8	mg/l/4h	Rat		Not invitoret
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant, Mechanical irritation possible
Respiratory or skin				Mouse	OECD 429 (Skin	Not sensitizising
sensitisation:					Sensitisation - Local Lymph Node Assay)	, tet cononizionig
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	No (skin contact)
Germ cell mutagenicity:				Mouse	OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Negative
Germ cell mutagenicity:				Salmonella typhimurium	(Ames-Test)	Negative
Germ cell mutagenicity:					OECD 473 (In Vitro Mammalian Chromosome Aberration Test)	Negative
Germ cell mutagenicity:					OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)	Negative
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Reproductive toxicity (Developmental toxicity):				Rat	OECD 414 (Prenatal Developmental Toxicity Study)	No indications of such an effect.
Specific target organ toxicity - single exposure (STOT-SE):						Not irritant (respiratory tract)
Symptoms:						mucous membrane irritation, coughing, respiratory distress, drying of the skin.
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAEL	3500	mg/kg/d	Rat		90d
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	NOAEC	10	mg/m3	Rat		90d



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Butane

Butane						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by inhalation:	LC50	658	mg/l/4h	Rat		
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative
					Reverse Mutation Test)	
Aspiration hazard:						No
Symptoms:						ataxia, breathing
						difficulties,
						drowsiness,
						unconsciousness
						, frostbite,
						disturbed heart
						rhythm,
						headaches,
						cramps,
						intoxication,
						dizziness,
						nausea and
						vomiting.

Propane						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by inhalation:	LC50	658	mg/l/4h	Rat		
Skin corrosion/irritation:						Not irritant
Serious eye damage/irritation:						Not irritant
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative
					Reverse Mutation Test)	
Reproductive toxicity	NOAEC	21,641	mg/l		OECD 422 (Combined	
(Developmental toxicity):					Repeated Dose Tox.	
					Study with the	
					Reproduction/Developm.	
					Tox. Screening Test)	
Aspiration hazard:						No
Symptoms:						breathing
						difficulties,
						unconsciousness
						, frostbite,
						headaches,
						cramps, mucous
						membrane
						irritation,
						dizziness,
						nausea and
						vomiting.

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by inhalation:	LC50	658	mg/l/4h	Rat		
Serious eye damage/irritation:				Rabbit		Not irritant
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative
					Reverse Mutation Test)	
Aspiration hazard:						No
Symptoms:						unconsciousness
						, frostbite,
						headaches,
						cramps,
						dizziness,
						nausea and
						vomiting.

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).



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Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:							n.d.a.
12.1. Toxicity to daphnia:							n.d.a.
12.1. Toxicity to algae:							n.d.a.
12.2. Persistence and							n.d.a.
degradability:							
12.3. Bioaccumulative							n.d.a.
potential:							
12.4. Mobility in soil:							Product is
							slightly volatile.
12.5. Results of PBT							n.d.a.
and vPvB assessment							
12.6. Other adverse							n.d.a.
effects:							

Hydrocarbons, C6, isoal	kanes, <5% n-he	xane					
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	NOEC/NOEL	28d	4,09	mg/l	Oncorhynchus mykiss	QSAR	
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	7,14	mg/l	Daphnia magna	QSAR	
12.1. Toxicity to daphnia:	LC50	48h	3,87	mg/l	Daphnia magna		Analogous conclusion
12.1. Toxicity to algae:	ErC50	72h	55	mg/l	Pseudokirchneriell a subcapitata		Analogous conclusion
12.1. Toxicity to algae:	EC50	72h	13,56	mg/l	Pseudokirchneriell a subcapitata	QSAR	
12.2. Persistence and degradability:		28d	98	%		OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)	Readily biodegradable (Analogous conclusion), Analogous conclusion
12.3. Bioaccumulative potential:	Log Kow		4				
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC50	96h	50,6	mg/l			freshwater
12.1. Toxicity to fish:	LC50	96h	457	mg/l			marine water
12.1. Toxicity to fish:	LC50	96h	160	mg/l	Gambusia affinis	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	EC50	48h	49,1	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to daphnia:	NOEC/NOEL	14d	32	mg/l		,	marine water
12.1. Toxicity to daphnia:	LC50	96h	158	mg/l			marine water
12.1. Toxicity to algae:	EC50	72h	184,57	mg/l	Pseudokirchneriell a subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
12.1. Toxicity to algae:	NOEC/NOEL	72h	48	mg/l		,	freshwater
12.2. Persistence and degradability:							Not relevant for inorganic substances.
12.3. Bioaccumulative potential:							Not relevant for inorganic
							substances.



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12.4. Mobility in soil:							Calcium dihydroxide, which is sparingly
							a low mobility in most soils.
12.5. Results of PBT and vPvB assessment							Not relevant for inorganic substances.
12.6. Other adverse effects: Toxicity to bacteria:							pH-value of > 12 will rapidly decrease as result of dilution and carbonation., Even though thi product can be used to neutralise over- acidified water, when 1g/l is exceeded organisms in the water may be affected adversely. In high
							concentrations the product provokes an increase in temperature and of the pH-value. It is used to sanitise sewage sludge
Other organisms:	NOEC/NOEL		2000	mg/kg dw			soil macroorganism
Other organisms:	NOEC/NOEL		12000	mg/kg dw			soil microorganisms
Other organisms:	NOEC/NOEL	21d	1080	mg/kg			terrestrial plants
Titanium dioxide (in pow					erodynamic diamete		Netes
Toxicity / effect 12.1. Toxicity to fish:	Endpoint LC50	Time 96h	Value >100	Unit mg/l	Organism Oncorhynchus	Test method OECD 203 (Fish,	Notes
-					mykiss	Acute Toxicity Test)	
12.1. Toxicity to daphnia:	LC50	48h	>100	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	EC50	72h	16	mg/l	Pseudokirchneriell a subcapitata	U.S. EPA-600/9- 78-018	
12.2. Persistence and degradability:							Not relevant for inorganic substances.
12.3. Bioaccumulative potential:	BCF	42d	9,6				Not to be expected
12.3. Bioaccumulative potential:	BCF	14d	19-352				Oncorhynchus mykiss
12.4. Mobility in soil:		1					Negative



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12.5. Results of PBT and vPvB assessment						No PBT substance, No vPvB substance
Toxicity to bacteria:			>5000	mg/l	Escherichia coli	
Toxicity to bacteria:	LC0	24h	>10000	mg/l	Pseudomonas	
-				_	fluorescens	
Toxicity to annelids:	NOEC/NOEL		>1000	mg/kg	Eisenia foetida	
Water solubility:						Insoluble20°C

Butane							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC50	96h	24,11	mg/l		QSAR	
12.1. Toxicity to daphnia:	LC50	48h	14,22	mg/l		QSAR	
12.3. Bioaccumulative potential:	Log Pow		2,98				A notable biological accumulation potential is not to be expected (LogPow 1-3).
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance

Propane							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.3. Bioaccumulative potential:	Log Pow		2,28				A notable biological accumulation potential is not to be expected (LogPow 1-3).
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance

Isobutane							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.3. Bioaccumulative							A notable
potential:							biological
							accumulation
							potential is not to
							be expected
							(LogPow 1-3).
12.1. Toxicity to fish:	LC50	96h	27,98	mg/l			
12.1. Toxicity to algae:	EC50	96h	7,71	mg/l			
12.2. Persistence and							Readily
degradability:							biodegradable
12.5. Results of PBT							No PBT
and vPvB assessment							substance, No
							vPvB substance

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be

allocated under certain circumstances. (2014/955/EU)

16 05 04 gases in pressure containers (including halons) containing hazardous substances

Recommendation:

Sewage disposal shall be discouraged.



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Pay attention to local and national official regulations. Take full aerosol cans to problem waste collection. Take emptied aerosol cans to valuable material collection.

For contaminated packing material

Pay attention to local and national official regulations. Recommendation:

Do not perforate, cut up or weld uncleaned container. 15 01 04 metallic packaging

ആ

15 01 10 packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

General statements		
14.1. UN number:	1950	
Transport by road/by rail (ADR/RID)		
14.2. UN proper shipping name:		
UN 1950 AEROSOLS		
14.3. Transport hazard class(es):	2.1	
14.4. Packing group:	-	•
Classification code:	5F	
LQ:	1 L	
14.5. Environmental hazards:	Not applicable	
Tunnel restriction code:	D	
Transport by sea (IMDG-code)		
14.2. UN proper shipping name:		
AEROSOLS		
14.3. Transport hazard class(es):	2.1	
14.4. Packing group:	-	•
EmS:	F-D, S-U	
Marine Pollutant:	n.a	
14.5. Environmental hazards:	Not applicable	
Transport by air (IATA)		
14.2. UN proper shipping name:		
Aerosols, flammable		
14.3. Transport hazard class(es):	2.1	
14.4. Packing group:	-	•
14.5. Environmental hazards:	Not applicable	
14.6. Special precautions for user		
Persons employed in transporting dangerous goods must be trained.		
All persons involved in transporting must observe safety regulations.		
Precautions must be taken to prevent damage.		
14.7. Transport in bulk according to Annex II of	MARPOL and the IBC Code	
Freighted as packaged goods rather than in bulk, therefore not applic		
Minimum amount regulations have not been taken into account.		
Danger code and packing code on request.		

Comply with special provisions.

SECTION 15: Regulatory information

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

Observe restrictions:

Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)! Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):



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Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements
P3b	11.1, 11.2	5000 (netto)	50000 (netto)

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC):

< 84,9 %

Observe incident regulations.

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections:

2, 3, 8, 11, 12, 15

Employee training in handling dangerous goods is required. These details refer to the product as it is delivered. Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Skin Irrit. 2, H315	Classification according to calculation procedure.
Eye Dam. 1, H318	Classification according to calculation procedure.
STOT SE 3, H336	Classification according to calculation procedure.
Aquatic Chronic 3, H412	Classification according to calculation procedure.
Aerosol 1, H222	Classification according to calculation procedure.
Aerosol 1, H229	Classification based on the form or physical state.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H225 Highly flammable liquid and vapour.

H351 Suspected of causing cancer by inhalation.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Skin Irrit. — Skin irritation Eye Dam. — Serious eye damage STOT SE — Specific target organ toxicity - single exposure - narcotic effects Aquatic Chronic — Hazardous to the aquatic environment - chronic Aerosol — Aerosols Flam. Liq. — Flammable liquid Asp. Tox. — Aspiration hazard STOT SE — Specific target organ toxicity - single exposure - respiratory tract irritation Carc. — Carcinocoenicity

Carc. — Carcinogenicity

Any abbreviations and acronyms used in this document:



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acc., acc. to according, according to ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the
International Carriage of Dangerous Goods by Road)
AOX Adsorbable organic halogen compounds
approx. approximately
Art., Art. no. Article number
ASTM ASTM International (American Society for Testing and Materials)
ATE Acute Toxicity Estimate
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
BSEF The International Bromine Council
bw body weight CAS Chemical Abstracts Service
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances
CMR carcinogenic, mutagenic, reproductive toxic
DMEL Derived Minimum Effect Level
DNEL Derived No Effect Level
dw dry weight
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance EC European Community
ECHA European Chemicals Agency
EEC European Economic Community
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
EN European Norms
EPA United States Environmental Protection Agency (United States of America)
etc. et cetera EU European Union
EU European Union EVAL Ethylene-vinyl alcohol copolymer
Fax. Fax number
gen. general
GHS Globally Harmonized System of Classification and Labelling of Chemicals
GWP Global warming potential
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IBC (Code) International Bulk Chemical (Code) IMDG-code International Maritime Code for Dangerous Goods
incl. including, inclusive
IUCLID International Uniform Chemical Information Database
IUPAC International Union for Pure Applied Chemistry
LC50 Lethal Concentration to 50 % of a test population
LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)
LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships
MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable
n.av. not available
n.c. not checked
n.d.a. no data available
OECD Organisation for Economic Co-operation and Development
org. organic
PBT persistent, bioaccumulative and toxic
PE Polyethylene PNEC Predicted No Effect Concentration
ppm parts per million
PVC Polyvinylchloride
REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,
Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List
Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SVHC Substances of Very High Concern



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UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

These statements were made by: Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

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