

Page 1 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

# 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**

# **Keramik Pulverspray**

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

Uses advised against: No information available at present.

# 1.3 Details of the supplier of the safety data sheet

(B) 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:

Landspitali- The National University Hospital of Iceland, tel. +354 543 2222 or 112 (valid only for Iceland) **Telephone number of the company in case of emergencies:** +49 (0) 700 / 24 112 112 (LMR)

+1 872 5888271 (LMR)

# **SECTION 2: Hazards identification**

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



Page 2 of 18

œ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray



Danger

H412-Harmful to aquatic life with long lasting effects. H222-Extremely flammable aerosol. H229-Pressurised container: May burst if heated.

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. P273-Avoid release to the environment.

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

P501-Dispose of contents / container in accordance with all local, regional, national and international laws.

Without adequate ventilation, formation of explosive mixtures may be possible.

## 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 %).

The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).

Dangerous vapours heavier than air.

# **SECTION 3: Composition/information on ingredients**

## 3.1 Substances

#### n.a. 3.2 Mixtures

Substance for which an EU exposure limit value applies.
01-2119472128-37-XXXX
603-019-00-8
204-065-8
115-10-6
75-90
Flam. Gas 1A, H220
•
01-2119475514-35-XXXX
921-024-6
5-<10
Flam. Liq. 2, H225
Skin Irrit. 2, H315
STOT SE 3, H336
Asp. Tox. 1, H304
Aquatic Chronic 2, H411
01-2119457610-43-XXXX
603-002-00-5
200-578-6



Page 3 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024

ആ

PDF print date: 30.04.2024 Keramik Pulverspray

CAS	64-17-5
content %	5-<10
Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Flam. Liq. 2, H225
	Eye Irrit. 2, H319
Specific Concentration Limits and ATE	Eye Irrit. 2, H319: >=50 %

Impurities, test data and additional information may have been taken into account in classifying and labelling the product. 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.

The addition of the highest concentrations listed here can result in a classification. Only when this classification is listed in Section 2 does it apply. In all other cases the total concentration is below the classification.

# **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.

#### 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 - give copious water to drink. Consult doctor immediately.

## 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.

## 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

Water jet spray/foam/CO2/dry extinguisher

# 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

Formaldehyde Toxic gases

Possible build up of explosive/highly flammable vapour/air mixture. Danger of bursting (explosion) when heated

# 5.3 Advice for firefighters

For personal protective equipment see Section 8. 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.



Page 4 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

Dispose of contaminated extinction water according to official regulations.

## **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition.

Avoid dust formation with solid or powder products.

Leave the danger zone if possible, use existing emergency plans if necessary.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

## 6.1.2 For emergency responders

See section 8 for suitable protective equipment and material specifications.

## 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.

If accidental entry into drainage system occurs, inform responsible authorities.

## 6.3 Methods and material for containment and cleaning up

If spray or gas escapes, ensure ample fresh air is available.

Active substance:

ആ

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

Fill the absorbed material into lockable containers.

#### 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.

Avoid contact with eyes or skin.

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

Do not use on hot surfaces.

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.

Observe special regulations for aerosols!

Observe special storage conditions.

Do not store with flammable or self-igniting materials.

Keep protected from direct sunlight and temperatures over 50°C. Store in a well-ventilated place.

Store in a well-vel Store cool.

# 7.3 Specific end use(s)

No information available at present.

Observe the instructions for good working practice and the recommendations for risk assessment.

Consult hazardous substance information systems, e.g. from the professional associations, the chemical industry or different industries, depending on the application (building materials, wood, chemistry, laboratory, leather, metal).



Page 5 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

# **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

œ)

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40): 600 mg/m3

Chemical Name	Dimethyl ether				
WEL-TWA: 400 ppm (766 mg/m3)	(WEL-TWA), 1000	WEL-STEL:	500 ppm (958	mg/m3) (WEL-STEL)	
ppm (1920 mg/m3) (EU)					
Monitoring procedures:	- 0	Compur - KITA-	-123 S (549 129)		
BMGV:				Other information:	
Chemical Name	Hydrocarbons, C6-	C7 n-alkanes	isoalkanes cvc	lics <5% n-hexane	
WEL-TWA: 600 mg/m3		WEL-STEL:			
Monitoring procedures:	- 0	-	-187 S (551 174)		
BMGV:			· · · · · ·	Other information: (0	OEL acc. to RCP-method,
				paragraphs 84-87, EF	
Chemical Name	Ethanol				
Chemical Name WEL-TWA: 1000 ppm (1920 mg/m)		WEL-STEL:			
	13)	-	 nol 25/a Ethanol	(81 01 631)	
WEL-TWA: 1000 ppm (1920 mg/m	n3) - C - C	Draeger - Alcoh Compur - KITA-	ol 25/a Ethanol -104 SA (549 21	Ò)	
WEL-TWA: 1000 ppm (1920 mg/m	n3) - C - C	Draeger - Alcoh Compur - KITA-	ol 25/a Ethanol -104 SA (549 21	Ò)	
WEL-TWA: 1000 ppm (1920 mg/m	n3) - C - C - C	Draeger - Alcoh Compur - KITA- DFG (D) (Loesu	ol 25/a Ethanol -104 SA (549 21 ungsmittelgemise	Ò)	E) (Solvent mixtures) - 2013,
WEL-TWA: 1000 ppm (1920 mg/m	13) - C - C C - 2	Draeger - Alcoh Compur - KITA- DFG (D) (Loesu 2002 - EU proje	ol 25/a Ethanol 104 SA (549 21 ungsmittelgemise ect BC/CEN/ENT	0) che), Methode Nr. 6 DFG (E	E) (Solvent mixtures) - 2013, 2004)
WEL-TWA: 1000 ppm (1920 mg/m	13) - C - C - C - 2 C	Draeger - Alcoh Compur - KITA- DFG (D) (Loesu 2002 - EU proje DFG Meth. Nr. 2	ol 25/a Ethanol 104 SA (549 21 ungsmittelgemise ect BC/CEN/ENT	0) che), Methode Nr. 6 DFG (E R/000/2002-16 card 63-2 ( mittelgemische) - 2013 - EU	E) (Solvent mixtures) - 2013, 2004)
WEL-TWA: 1000 ppm (1920 mg/m	13) - C - C - C - 2 C - E	Draeger - Alcoh Compur - KITA- DFG (D) (Loesu 2002 - EU proje DFG Meth. Nr. 2 3C/CEN/ENTR/	101 25/a Ethanol 104 SA (549 21 ungsmittelgemise ect BC/CEN/ENT 2 (D) (Loesungs /000/2002-16 ca	0) che), Methode Nr. 6 DFG (E R/000/2002-16 card 63-2 ( mittelgemische) - 2013 - EU	E) (Solvent mixtures) - 2013, 2004) J project
WEL-TWA: 1000 ppm (1920 mg/m	13) - C - C - C - 2 C - E C	Draeger - Alcoh Compur - KITA- DFG (D) (Loesu 2002 - EU proje DFG Meth. Nr. 2 3C/CEN/ENTR/ DFG Meth. Nr. 3	101 25/a Ethanol 104 SA (549 21 ungsmittelgemise ect BC/CEN/ENT 2 (D) (Loesungs /000/2002-16 ca	0) che), Methode Nr. 6 DFG (E R/000/2002-16 card 63-2 ( mittelgemische) - 2013 - El rd 63-2 (2004) mittelgemische) - 2013 - El	E) (Solvent mixtures) - 2013, 2004) J project
WEL-TWA: 1000 ppm (1920 mg/m	13) - C - C - C - 2 C - E C	Draeger - Alcoh Compur - KITA- DFG (D) (Loesu 2002 - EU proje DFG Meth. Nr. 2 3C/CEN/ENTR/ DFG Meth. Nr. 3	ol 25/a Ethanol 104 SA (549 21 ungsmittelgemise ect BC/CEN/ENT 2 (D) (Loesungs /000/2002-16 ca 3 (D) (Loesungs	0) che), Methode Nr. 6 DFG (E R/000/2002-16 card 63-2 ( mittelgemische) - 2013 - El rd 63-2 (2004) mittelgemische) - 2013 - El	E) (Solvent mixtures) - 2013, 2004) J project J project

Dimethyl ether						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,155	mg/l	
	Environment - sediment, freshwater		PNEC	0,681	mg/kg	
	Environment - soil		PNEC	0,045	mg/kg	
	Environment - sewage treatment plant		PNEC	160	mg/l	
	Environment - marine		PNEC	0,016	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	1,549	mg/l	
	Environment - sediment, marine		PNEC	0,069	mg/kg	
Consumer	umer Human - inhalation		DNEL	471	mg/m3	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	1894	mg/m3	

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane										
Area of application	Exposure route /	Effect on health	Descriptor	Value	Unit	Note				
	Environmental									
	compartment									
Consumer	Human - dermal	Long term, systemic	DNEL	699	mg/kg					
		effects			bw/day					
Consumer	Human - inhalation	Long term, systemic	DNEL	608	mg/m3					
		effects								



Page 6 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

ആ

Consumer	Human - oral	Long term, systemic	DNEL	699	mg/kg	
		effects			bw/day	
Workers / employees	Human - dermal	Long term, systemic	DNEL	773	mg/kg	
		effects			bw/day	
Workers / employees	Human - dermal	Long term, systemic	DNEL	300	mg/kg	
		effects			bw/day	
Workers / employees	Human - inhalation	Long term, systemic	DNEL	2035	mg/m3	
		effects				

Ethanol		Effect on health	Descriptor	Value	Unit	Note
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	value	Unit	NOTE
	Environment - freshwater		PNEC	0,96	mg/l	
	Environment - marine		PNEC	0,79	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	2,75	mg/l	
	Environment - sewage treatment plant		PNEC	580	mg/l	
	Environment - sediment, freshwater		PNEC	3,6	mg/kg dry weight	
	Environment - soil		PNEC	0,63	mg/kg dry weight	
	Environment - oral (animal feed)		PNEC	0,38	g/kg feed	
	Environment - sediment, marine		PNEC	2,9	mg/kg dry weight	
Consumer	Human - dermal	Short term, local effects	DNEL	950	mg/m3	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	114	mg/m3	
Consumer	Human - oral	Long term, systemic effects	DNEL	87	mg/kg	
Consumer	Human - dermal	Long term, systemic effects	DNEL	206	mg/kg bw/d	
Consumer	er Human - inhalation e		DNEL	950	mg/m3	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	343	mg/kg bw/d	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	950	mg/m3	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	1900	mg/m3	

Inited Kingdom | WEL-TWA = Workplace Exposure Limit - Long-term exposure limit - 8-hour TWA (= time weighted average) reference period (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).

(EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:

(8) = Inhalable fraction (2004/37/CE, 2017/164/EU). (9) = Respirable fraction (2004/37/CE, 2017/164/EU). (11) = Inhalable fraction (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 (2004/37/CE). | | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit - 15-minute reference period (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).

(EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:

(8) = Inhalable fraction (2004/37/EC, 2017/164/EU). (9) = Respirable fraction (2004/37/EC, 2017/164/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). |

| BMGV = Biological monitoring guidance value (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).

(EU) = Directive 98/24/EC or 2004/37/EC or SCOEL (Biological Limit Value - BLV, Recommendation from the Scientific Committee on Occupational Exposure Limits (SCOEL)) |

| Other information (EH40/2005 Workplace exposure limits (Fourth Edition 2020)): Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

(EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:

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



Page 7 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

# 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.

ആ

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: Chemical resistant protective gloves (EN ISO 374). If applicable Protective Neoprene® / polychloroprene gloves (EN ISO 374). Protective nitrile gloves (EN ISO 374). Protective Viton® / fluoroelastomer gloves (EN ISO 374). Minimum layer thickness in mm: 0,5 Permeation time (penetration time) in minutes: 480 The breakthrough times determined in accordance with EN 165:

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. Protective hand cream recommended.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection: If OES or MEL is exceeded. Filter A2 P2 (EN 14387), code colour brown, white Observe wearing time limitations for respiratory protection equipment.

Thermal hazards: Not applicable

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. 20°C



Page 8 of 18

ആ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

#### Colour:

Odour: Melting point/freezing point: Boiling point or initial boiling point and boiling range: Flammability: Lower explosion limit: Upper explosion limit: Flash point: Auto-ignition temperature: Decomposition temperature: pH: Kinematic viscosity: Solubility: Partition coefficient n-octanol/water (log value): Vapour pressure: Vapour pressure: Density and/or relative density: Density and/or relative density: Relative vapour density: Particle characteristics:

## 9.2 Other information

No information available at present.

White Characteristic There is no information available on this parameter. There is no information available on this parameter. Does not apply to aerosols. There is no information available on this parameter. There is no information available on this parameter. -42 °C Does not apply to aerosols. There is no information available on this parameter. Mixture is non-soluble (in water). Does not apply to aerosols. There is no information available on this parameter. Does not apply to mixtures. 4400 hPa (20°C) 7600 hPa (50°C) 0,69 g/cm3 0,781 g/ml (Active substance) Does not apply to aerosols. Does not apply to aerosols.

# **SECTION 10: Stability and reactivity**

10.1 Reactivity
The product has not been tested.
10.2 Chemical stability
Stable with proper storage and handling.
10.3 Possibility of hazardous reactions
No dangerous reactions are known.
10.4 Conditions to avoid
Heating, open flame, ignition sources
Pressure increase will result in danger of bursting.
10.5 Incompatible materials
Avoid contact with strong oxidizing agents.

#### **10.6 Hazardous decomposition products**

No decomposition when used as directed.

# **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

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.



n.d.a.

Page 9 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

Symptoms:

œ

Dimethyl ether						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by inhalation:	LC50	164	mg/l/4h	Rat	OECD 403 (Acute	
			-		Inhalation Toxicity)	
Skin corrosion/irritation:						Not irritant
Serious eye damage/irritation:						Not irritant
Respiratory or skin						No (skin contact)
sensitisation:						
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative
					Reverse Mutation Test)	
Germ cell mutagenicity:					OECD 473 (In Vitro	Negative
					Mammalian	
					Chromosome	
					Aberration Test)	
Germ cell mutagenicity:					OECD 477 (Genetic	Negative
					Toxicology - Sex-Linked	
					Recessive Lethal Test	
					in Drosophilia	
					melanogaster)	
Carcinogenicity:	NOAEC	47000	mg/m3	Rat	OECD 453 (Combined	Negative
					Chronic	
					Toxicity/Carcinogenicity	
					Studies)	
Reproductive toxicity:	NOAEL	5000	ppm	Rat	OECD 414 (Prenatal	
					Developmental Toxicity	
				_	Study)	
Specific target organ toxicity -	NOAEC	47106	mg/kg	Rat	OECD 452 (Chronic	Negative(2 a)
repeated exposure (STOT-RE):					Toxicity Studies)	
Aspiration hazard:						No

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5840	mg/kg	Rat	OECD 401 (Acute Oral	
					Toxicity)	
Acute toxicity, by dermal route:	LD50	>2800-3100	mg/kg	Rat	OECD 402 (Acute	
					Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	>20	mg/l/4h	Rat	OECD 403 (Acute	Vapours
					Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute	Skin Irrit. 2
					Dermal	
					Irritation/Corrosion)	
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye	Mild irritant
					Irritation/Corrosion)	(Analogous
						conclusion)
Respiratory or skin				Guinea pig	OECD 406 (Skin	No (skin contact
sensitisation:					Sensitisation)	
Germ cell mutagenicity:					OECD 471 (Bacterial	Analogous
					Reverse Mutation Test)	conclusion,
						Negative
Carcinogenicity:						Negative
Reproductive toxicity:					OECD 414 (Prenatal	Analogous
					Developmental Toxicity	conclusion,
					Study)	Negative
Specific target organ toxicity -						May cause
single exposure (STOT-SE):						drowsiness or
						dizziness.,
						STOT SE 3,
						H336
Aspiration hazard:						Yes



B Page 10 of 18

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

Symptoms:			drowsiness,
Symptoms.			
			unconsciousness
			3
			heart/circulatory
			disorders,
			headaches,
			cramps,
			drowsiness,
			mucous
			membrane
			irritation,
			dizziness,
			nausea and
			vomiting.

Ethanol	Endnairt	Value	L lun it	Ormaniam	To at moth a d	Nataa
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	10470	mg/kg	Rat	OECD 401 (Acute Oral	
• • • • • • • •					Toxicity)	
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit	OECD 402 (Acute	
	-				Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	51-124,7	mg/l/4h	Rat	OECD 403 (Acute	Vapours
					Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute	Not irritant
					Dermal	
					Irritation/Corrosion)	
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye	Eye Irrit. 2
					Irritation/Corrosion)	
Respiratory or skin				Mouse	OECD 429 (Skin	No (skin contact
sensitisation:					Sensitisation - Local	
					Lymph Node Assay)	
Germ cell mutagenicity:				Salmonella	OECD 471 (Bacterial	Negative
<b>3</b>				typhimurium	Reverse Mutation Test)	Ū
Germ cell mutagenicity:				Mouse	OECD 476 (In Vitro	Negative
5,					Mammalian Cell Gene	0
					Mutation Test)	
Germ cell mutagenicity:					OECD 473 (In Vitro	Negative
j-					Mammalian	
					Chromosome	
					Aberration Test)	
Germ cell mutagenicity:					OECD 475 (Mammalian	Negative
eenn een matagemeny.					Bone Marrow	loguito
					Chromosome	
					Aberration Test)	
Carcinogenicity:	NOAEL	>3000	mg/kg	Rat	OECD 451	24 mon
earomogementy.	NOVEL	20000	mg/ng	T Cat	(Carcinogenicity Studies)	24 11011
Reproductive toxicity:	NOAEL	5200	mg/kg	Rat	OECD 416 (Two-	
Reproductive toxicity.	NOVEL	0200	bw/d	T Cat	generation	
			5070		Reproduction Toxicity	
					Study)	
Specific target organ toxicity -	NOAL	>20	mg/l	Rat	OECD 403 (Acute	Male
repeated exposure (STOT-RE):		-20	ing/i		Inhalation Toxicity)	Maio
Specific target organ toxicity -	NOAEL	1730	mg/kg/d	Rat	OECD 408 (Repeated	Female
repeated exposure (STOT-RE):	NUALL	1750	mg/kg/u	ival	Dose 90-Day Oral	
repeated exposure (STOT-RE).					Toxicity Study in	
					Rodents)	
					Rouenis)	



Page 11 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

œ)

Symptoms:	respiratory
	distress,
	drowsiness,
	unconsciousness
	, drop in blood
	pressure,
	vomiting,
	coughing,
	headaches,
	intoxication,
	drowsiness,
	mucous
	membrane
	irritation,
	dizziness,
	nausea

# 11.2. Information on other hazards

Keramik Pulverspray						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Endocrine disrupting properties:						Does not apply
						to mixtures.
Other information:						No other
						relevant
						information
						available on
						adverse effects
						on health.

Ethanol						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Other information:						Excessive
						alcohol
						consumption
						during
						pregnancy
						induces the
						foetus alcohol
						syndrome
						(reduced weight
						at birth, physical
						and mental
						disorders).,
						There is no sign
						that this
						syndrome is also
						caused by
						dermal or
						inhalative
						absorption.,
						Experiences on
						persons.

# **SECTION 12: Ecological information**

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

Relatilik Fulverspray							
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.



Page 12 of 18		
	ng to Regulation (EC) No 1907/2006, Annex II	
Revision date / version: 3		
	version: 30.04.2024 / 0001	
Valid from: 30.04.2024		
PDF print date: 30.04.20	4	
Keramik Pulverspray		
100 B		
12.2. Persistence and		n.d.a.
degradability:		
12.3. Bioaccumulative		n.d.a.
potential:		
12.4. Mobility in soil:		n.d.a.
12.5. Results of PBT		n.d.a.
and vPvB assessment		
12.6. Endocrine		Does not apply
disrupting properties:		to mixtures.
12.7. Other adverse		No information
effects:		available on
		other adverse
		effects on the
	D00	environment.
Other information:	DOC	DOC-elimination
		degree(complex
		ng organic
		substance)>=
Other information:	AOX	80%/28d: n.a.
Juner information:	AUA	According to the recipe, contains

Dimethyl ether							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC0	96h	2695	mg/l	Pimephales		
-				_	promelas		
12.1. Toxicity to fish:	LC50	96h	3082	mg/l	Salmo gairdneri		
12.1. Toxicity to fish:	LC50	96h	>4,1	mg/l	Poecilia reticulata		
12.1. Toxicity to daphnia:	EC50	48h	>4,4	mg/l	Daphnia magna		
12.1. Toxicity to algae:	EC50	96h	154,9	mg/l	Chlorella vulgaris		
12.2. Persistence and degradability:		28d	5	%		OECD 301 D (Ready Biodegradability - Closed Bottle Test)	Not readily biodegradable
12.3. Bioaccumulative potential:	Log Pow		-0,07				Bioaccumulation is unlikely (LogPow < 1). 25°C (pH 7)
12.4. Mobility in soil:	H (Henry)		518,6	Pa*m3/m ol			No adsorption in soil.
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
Toxicity to bacteria:	EC10		>1600	mg/l	Pseudomonas putida		
Water solubility:			45,60	mg/l			25°C

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	NOEC/NOEL	28d	2,045	mg/l	Oncorhynchus mykiss		
12.1. Toxicity to fish:	NOELR	28d	2,04	mg/l	Salmo gairdneri		
12.1. Toxicity to fish:	LC50	96h	11,4	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to fish:	LL50	96h	11,4	mg/l	Salmo gairdneri	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	EC50	48h	3	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	



Page 13 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

œ.

10.1 Toyicity to dophnicy		10h	2.1		Dephaio mogno		
12.1. Toxicity to daphnia:		48h	2,1	mg/l	Daphnia magna	0505.011	
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	0,17	mg/l	Daphnia magna	OECD 211	
						(Daphnia magna	
						Reproduction Test)	
12.1. Toxicity to algae:	EC50	72h	30-100	mg/l	Pseudokirchneriell	OECD 201 (Alga,	
					a subcapitata	Growth Inhibition	
						Test)	
12.2. Persistence and		28d	81	%		OECD 301 F	Readily
degradability:						(Ready	biodegradable
о ,						Biodegradability -	5
						Manometric	
						Respirometry Test)	
12.3. Bioaccumulative							Concentration in
potential:							organisms
potontiali							possible.
12.3. Bioaccumulative	BCF		242-253				p0001b10.
potential:	201		242 200				
12.4. Mobility in soil:							Adsorption in
-							ground., Product
							is slightly volatile.
12.5. Results of PBT							No PBT
and vPvB assessment							substance, No
							vPvB substance
Other information:	AOX		0	%			

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC50	96h	13000	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to fish:	NOEC/NOEL	120h	250	mg/l	Brachydanio rerio	OECD 212 (Fish, Short- term Toxicity Test on Embryo and Sac- fry Stages)	
12.1. Toxicity to daphnia:	EC50	48h	5414	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to daphnia:	NOEC/NOEL	10d	9,6	mg/l	Ceriodaphnia spec.		References
12.1. Toxicity to algae:	EC50	72h	275	mg/l	Chlorella vulgaris	OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:		28d	97	%	activated sludge	OECD 301 B (Ready Biodegradability - Co2 Evolution Test)	Readily biodegradable
12.3. Bioaccumulative potential:	Log Pow		(-0,35) - (-0,32)				Bioaccumulatior is unlikely (LogPow < 1).
12.3. Bioaccumulative potential:	BCF		0,66 - 3,2				
12.4. Mobility in soil:	H (Henry)		0,00013 8				
12.4. Mobility in soil:	Koc		1,0				Highestimated
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance



Page 14 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

Toxicity to bacteria:	IC50	3h	>1000	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium	Analogous conclusion
Other organisms:	NOEC/NOEL		280	mg/l	Lemna gibba	Oxidation)) OECD 201 (Alga, Growth Inhibition Test)	
Other information: Other information:	COD BOD5		1,9 1	g/g g/g			

# **SECTION 13: Disposal considerations**

# 13.1 Waste treatment methods

## For the substance / mixture / residual amounts

EC disposal code no.:

œ

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.

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. Recycling

15 01 04 metallic packaging

# **SECTION 14: Transport information**

General statements Transport by road/by rail (ADR/RID) 14.1. UN number or ID number: 14.2. UN proper shipping name:	1950	
UN 1950 AEROSOLS 14.3. Transport hazard class(es): 14.4. Packing group: 14.5. Environmental hazards:	2.1 - Not applicable	•
Tunnel restriction code: Classification code: LQ: Transport category:	D 5F 1 L 2	
<b>Transport by sea (IMDG-code)</b> 14.1. UN number or ID number: 14.2. UN proper shipping name: UN 1950 AEROSOLS	1950	
14.3. Transport hazard class(es): 14.4. Packing group: 14.5. Environmental hazards: Marine Pollutant: EmS:	2.1 - Not applicable Not applicable F-D, S-U	
<b>Transport by air (IATA)</b> 14.1. UN number or ID number: 14.2. UN proper shipping name:	1950	



Page 15 of 18 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024

Keramik Pulverspray UN 1950 Aerosols, flammable

അ

14.3. Transport hazard class(es): 14.4. Packing group:

14.5. Environmental hazards:

# 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. Maritime transport in bulk according to IMO instruments

Freighted as packaged goods rather than in bulk, therefore not applicable. Minimum amount regulations have not been taken into account.

Danger code and packing code on request. Comply with special provisions.

# **SECTION 15: Regulatory information**

2.1

Not applicable

# 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)! Regulation (EC) No 1907/2006, Annex XVII

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

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.):

Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of	Qualifying quantity (tonnes) of
		dangerous substances as	dangerous substances as
		referred to in Article 3(10) for the	referred to in Article 3(10) for the
		application of - Lower-tier	application of - Upper-tier
		requirements	requirements
P3a	11.1	150 (netto)	500 (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):

Observe incident regulations.

National requirements/regulations on safety and health protection must be applied when using work equipment.

#### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

# **SECTION 16: Other information**

Revised sections:

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
Aquatic Chronic 3, H412	Classification according to calculation procedure.
Aerosol 1, H222	Classification according to calculation procedure.

n.a.

89.3 %



Page 16 of 18

ആ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

### 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. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.

H220 Extremely flammable gas.

Aquatic Chronic - Hazardous to the aquatic environment - chronic

Aerosol — Aerosols

Flam. Gas - Flammable gases - Flammable gas

Flam. Liq. — Flammable liquid

Skin Irrit. — Skin irritation

STOT SE - Specific target organ toxicity - single exposure - narcotic effects

Asp. Tox. — Aspiration hazard Eye Irrit. — Eye irritation

## Key literature references and sources for data:

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.

Guidelines for the preparation of safety data sheets as amended (ECHA).

Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA).

Safety data sheets for the constituent substances.

ECHA Homepage - Information about chemicals.

GESTIS Substance Database (Germany).

German Environment Agency "Rigoletto" information site on substances that are hazardous to water (Germany).

EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended.

National Lists of Occupational Exposure Limits for each country as amended.

Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

## Any abbreviations and acronyms used in this document:

according, according to acc., acc. 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 Bundesanstalt für Materialforschung und -prüfung (= Federal Institute for Materials Research and Testing, Germany) BAM BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF **Bioconcentration factor** BSEF The International Bromine Council CAS **Chemical Abstracts Service** CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic DMEL Derived Minimum Effect Level DNEL Derived No Effect Level Dissolved organic carbon DOC for example (abbreviation of Latin 'exempli gratia'), for instance e.g. EbCx, EyCx, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants) EC European Community ECHA European Chemicals Agency ECx, ELx (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect EEC European Economic Community

European Inventory of Existing Commercial Chemical Substances EINECS



-089	
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II	
Revision date / version: 30.04.2024 / 0001	
Replacing version dated / version: 30.04.2024 / 0001	
Valid from: 30.04.2024	
PDF print date: 30.04.2024	
Keramik Pulverspray	
ELINCS European List of Notified Chemical Substances	
EN European Norms	
EPA United States Environmental Protection Agency (United States of America)	
ErCx, EµCx, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants)	
etc. et cetera	
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	
Koc Adsorption coefficient of organic carbon in the soil	
Kow octanol-water partition coefficient 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)	
Log Koc Logarithm of adsorption coefficient of organic carbon in the soil	
Log Kow, Log Pow Logarithm of octanol-water partition coefficient	
LQ Limited Quantities	
MARPOL International Convention for the Prevention of Marine Pollution from Ships	
mg/kg bw	
mg/kg dw mg/kg dry weight	
mg/kg wwt mg/kg wet weight	
n.a. not applicable	
n.av. not available	
n.c. not checked n.d.a. no data available	
NIOSH National Institute for Occupational Safety and Health (USA)	
NLP No-longer-Polymer	
NOEC, NOEL No Observed Effect Concentration/Level	
OECD Organisation for Economic Co-operation and Development	
org. organic OSHA Occupational Safety and Health Administration (USA)	
OSHA Occupational Safety and Health Administration (USA) 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. 6/7/8/9xx-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	
Tel. Telephone	
TOC Total organic carbon	
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods	
VOC Volatile organic compounds	
vPvB very persistent and very bioaccumulative	
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.	

No responsibility. These statements were made by:



Page 18 of 18

œ)

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 30.04.2024 / 0001 Replacing version dated / version: 30.04.2024 / 0001 Valid from: 30.04.2024 PDF print date: 30.04.2024 Keramik Pulverspray

# Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

C by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.