

Safety Data Sheet

according to Regulation (EC) No 1907/2006

4910 Acidic abrasive cleaner

Print date: 21.07.2015

Product code: 92289

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

1.1. Product identifier

4910 Acidic abrasive cleaner

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

1.3. Details of the supplier of the safety data sheet

Company name:	KERONA GmbH	
Street:	Zeilbaumweg 15	
Place:	D-74613 Öhringen	
Telephone:	+49 7941-9205 4080	Telefax: +49 7941-9205 4090
e-mail:	mail@kerona.de	
Contact person:	Dr. Hans Götz	Telephone: +49 170-8548 710
e-mail:	hans.goetz@kerona.de	
Internet:	www.kerona.de	

1.4. Emergency telephone number:

+49 761-19 240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Indications of danger: Xn - Harmful

R phrases:

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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

Hazard categories:

Specific target organ toxicity - repeated exposure: STOT RE 1

Hazard Statements:

Causes damage to organs through prolonged or repeated exposure.

2.2. Label elements

Hazardous components which must be listed on the label

Quartz (SiO₂)

Signal word: Danger

Pictograms: GHS08



Hazard statements

H372 Causes damage to organs through prolonged or repeated exposure.

Special labelling of certain mixtures

EUH208 Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
201-069-1	citrus acid monohydrate	0.1 - < 5 %
5949-29-1	Xi - Irritant R36	
	alkyl poly(glycoether) C10-16 with PO/EO	0.1 - < 5 %
69227-22-1	Xn - Harmful, Xi - Irritant R22-41	

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

Further Information

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

In case of fire, use sand, extinguishing powder or alcohol resistant foam. Carbon dioxide.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Do not allow water used to extinguish fire to enter drains or waterways.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate affected area. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes. Do not breathe vapour/aerosol. When using do not eat, drink, smoke, sniff. Never use pressure to empty container. Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. Never use pressure to empty container. Keep away from sources of ignition. - No smoking. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

Advice on storage compatibility

Keep away from: acid. alkali. Oxidizing agents.

Further information on storage conditions

Notice the directions for use on the label. Store in a cool dry place. Keep away from heat. Keep container tightly closed. Keep away from sources of ignition. - No smoking.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Protective and hygiene measures

After contact with skin, wash immediately with plenty of water and soap.

Eye/face protection

Wear eye/face protection.

Hand protection

rubber gloves.

Thickness of the glove material > 0,4 mm

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penetration time (maximum wearing period): > 480 min

Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

Wear antistatic work clothing.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Observe the wear time limits according to GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Environmental exposure controls

Do not allow to enter into surface water or drains. No special environmental measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	whitish beige
Odour:	characteristic

Test method

pH-Value: -

Changes in the physical state

Flash point:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Vapour pressure: (at 20 °C)	not determined
Density (at 20 °C):	1,30 g/cm ³
Water solubility:	löslich
Viscosity / dynamic: (at 20 °C)	3,83 mPa·s
Solvent separation test:	< 3 %

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Keep away from: acid. alkali. Oxidizing agents.

10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.
Carbon dioxide. Carbon monoxide. Nitrogen oxides (NO_x).

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

Acute toxicity

No data available

Sensitising effects

No data available

STOT-single exposure

No data available

Severe effects after repeated or prolonged exposure

No data available

Carcinogenic/mutagenic/toxic effects for reproduction

No data available

Aspiration hazard

No data available

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

Other observations

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

The evaluation was carried out according to the calculation method of the preparation directive.
According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains.

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Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing dangerous substances
Classified as hazardous waste.

Waste disposal number of used product

191103 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE; wastes from oil regeneration; aqueous liquid wastes
Classified as hazardous waste.

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)**Other applicable information (land transport)**

E2
Not restricted
No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

E2
No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**Other applicable information (marine transport)**

E2
No dangerous good in sense of this transport regulation.

Air transport (ICAO)**Other applicable information (air transport)**

E2
Passenger-LQ: Y341
No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**National regulatory information**

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.
Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

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Relevant R-phrases (Number and full text)

- 22 Harmful if swallowed.
- 36 Irritating to eyes.
- 41 Risk of serious damage to eyes.

Relevant H- and EUH-phrases (Number and full text)

- H372 Causes damage to organs through prolonged or repeated exposure.
- EUH208 Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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