

Safety Data Sheet
according to 1907/2006/EC, Article 31

Revised on: 07.04.2020
Print date: 07.04.2020

Ralmont GmbH
92361 Berggau
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RALMO[®]-Cleaning paste Eco

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

1.1 Product identifier

RALMO[®]-Cleaning Paste Eco / RALMO[®]-Reinigungs-Paste Öko

1.2 Relevant identified use of the substance or mixture and use advised against Use sector

SU22 Professional use: public sector (administration, education, entertainment, services, crafts)
Application of the substance / the mixture Cleaning agent

1.3 Details of the supplier providing the safety data sheet

Company name: Ralmont GmbH
Street: Pavelsbacher Straße 17
Place: D-92361 Berggau
Phone: +49 (0)9181/516 40-20
E-mail: info@ralmont.de - Contact person: Mr. Thomas Eckstein
Internet: <http://www.ralmont.de>

1.4 Emergency number

Poison Control Center Bonn, 24 hours a day, Phone +49(0)228-19240

Section 2: Possible hazards

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP Regulation.

2.2 Label elements

Labelling according to Regulation (EC) No.1272/2008	Not applicable
Hazard pictograms	Not applicable
Signal word	Not applicable
Hazard statements	Not applicable

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:	Not applicable
vPvB:	The product does not meet the vPvB criteria according to Annex XIII of the REACH Regulation

Section 3: Composition/Information on ingredients

3.1 Chemical characterization: Mixtures
Description: Mixture of the following substances with non-hazardous additions
Hazardous ingredients: Not applicable

Regulation (EC) No.648/2004 on detergents / Labelling of ingredients

Anionic surfactants, nonionic surfactants < 5 %
Preservatives Methylisothiazolinone and Benzisothiazolinone

Additional information:

For the wording of the listed hazard statements, see section 16.

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Section 4: First aid measures

4.1 Description of first aid measures.

General information: No special measures required
After inhalation: Supply fresh air, In case of complaints consult a doctor.
After skin contact: In general, the product is not irritating to the skin.
After eye contact: Rinse opened eye for several minutes with running water.
After ingestion: Consult a physician if symptoms persist

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available

Section 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fire with alcohol-resistant foam.
Adapt fire extinguishing measures to the surrounding area.

5.2 Special hazards arising from the substance or mixture

No further relevant information available

5.3 Advice for firefighters

Special protective equipment: No special measures required

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures to be followed

Not required

6.2 Environmental precautions

Do not allow to enter sewage system, surface or ground water.

6.3 Methods and material for containment and cleaning up

Pick up mechanically

6.4 Reference to other sections

For information on safe handling see section 7
For information on personal protective equipment see section 8
For disposal information see section 13

Section 7: Handling and storage

7.1 Precautions for safe handling

No special measures required

Information on protection against fire and explosion

No special measures required

7.2 Conditions for safe storage, taking into account incompatibilities

Storage: No special requirements
Requirements to be met by storerooms and receptacles: No special requirements
Information on storage in one common storage facility: Not required
Further information on storage conditions: None
Storage class: 13
VbF Class: Not applicable

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7.3 Specific end uses

No further relevant information available

Additional information on the design of technical equipment

No further information available, see section 7

Section 8: Exposure controls / Personal protective equipment

8.1 Parameters to be monitored

Components with limit values that require monitoring at the workplace:

CAS: 7631-86-9 Silica.
MAK long-term value: 4 E mg / m³

Additional information

The lists valid at the time of preparation served as a basis

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures

The usual precautionary measures for handling chemicals are to be observed

Respiratory protection

Not required

Hand protection

The glove material must be impermeable and resistant to the product / substance / preparation. Due to lack of testing on finished product, no specific recommendation on glove material (trade name or supplier) can be given for the product / preparation / chemical mixture. The following general data on protective gloves according to EN 374: Selection of glove material taking into consideration the breakthrough times, permeation rates and degradation.

Glove material

The selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use. The exact penetration time of the glove material must be obtained from the manufacturer of the protective gloves and must be observed.

Eye protection

Not required

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Appearance

Form: Pasty

Color: Gray

Odor: Characteristic

Odor threshold: Not determined

pH value: Not applicable

Change in condition

Melting point / Freezing point: Not determined

Flash point: Not applicable

Flammability (solid, gas): The product is not flammable.

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Ignition temperature:	> 370 °C
Decomposition temperature:	Not determined
Auto-ignition temperature:	The product is not self-igniting
Explosive properties:	The product is not explosive
Lower explosion limit:	Not determined
Upper explosion limit:	Not determined
Oxidizing properties:	The product has no oxidizing properties
Vapor pressure at 20°C:	23 hPa
Density at 20°C:	1.206 g/cm ³
Relative density:	Not determined
Vapor Density:	Not applicable
Evaporation rate:	Not applicable
Solubility in / Miscibility with Water:	Insoluble
Partition coefficient n-octanol/water:	Not determined
Viscosity dynamic:	Not applicable
Viscosity static:	Not applicable
Solvent content	
Organic solvents:	0.3 %
Water:	7.0 %
VOC (EU):	0.00 %
VOCV (CH):	0.00 %
Solids content:	100.0 %

9.2 Other Information

No further relevant information available

Section 10: Stability and reactivity

10.1 Reactivity

No relevant information available

10.2 Chemical stability

Thermal decomposition / conditions to be avoided
No decomposition if used as directed.

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

No relevant information available

10.5 Incompatible materials

No relevant information available

10.6 Hazardous decomposition products

No hazardous decomposition products known

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

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LD/LC50 values relevant for classification

CAS: 7631-86-9 Silicon dioxide

Oral LD50 10,000mg/kg (rat)

CAS: 56-81-5 Glycerol

Oral LD50 12,600mg/kg (rat)

CAS: 7647-14-5 Sodium chloride

Oral LD50 3,000mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory/skin sensitization

Based on available data, the classification criteria are not met.

CMR effects (carcinogenic, mutagenic and toxic for reproduction):

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Based on available data, the classification criteria are not met.

Specific target organ toxicity in case of repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Environmental information

12.1 Toxicity

Aquatic toxicity

No relevant information available

12.2 Persistence and degradability

The surfactant(s) contained in this preparation meet(s) the conditions of biodegradability as laid down in Regulation (EC) No. 648/2004 on detergents. Documents confirming this are kept available for the competent authorities of the member states and are only made available to them upon their direct or upon request of a detergent manufacturer.

12.3 Bioaccumulative potential

No relevant information available

12.4 Mobility in soil

No relevant information available

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Further ecological information:

General information:

Water hazard class 1 (self-classification), slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT:

According to our present knowledge, the product, according to Annex XIII of the Regulation (EC) No 1907/2006 (REACH), the product does not contain any persistent, bioaccumulative or environmentally toxic substances (PBT substances).

vPvB:

To our current knowledge, according to Annex XIII of Regulation (EC) No 1907/2006 (REACH), the product does not contain any very persistent or very bioaccumulative substances (vPvB substances).

Section 13: Notes on disposal

13.1 Waste treatment procedures

Recommendation

Smaller quantities can be landfilled together with household waste

Uncleaned packaging

Disposal according to official regulations
Packaging can be reused or recycled after cleaning

Section 14: Transport information

14.1 UN number

ADR, ADN, IMDG, IATA Not applicable.

14.2 Proper

UN shipping name

ADR, ADN, IMDG, IATA Not applicable

14.3 Transport hazard classes

ADR, ADN, IMDG, IATA Not applicable
Class

14.4 Packing group

ADR, IMDG, IATA Not applicable

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautionary measures for the user

Not applicable

14.7 Bulk transport according to Annex II of the MARPOL Convention and according to IBC Code UN „Model Regulation“

Not applicable

Not applicable

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Section 15: Austrian and EU regulations

15.1 Regulations on safety, health and environmental protection and specific legislation applicable to the substance or mixture

Directive 2012/18/EU

Named dangerous substances - Annex I.

None of the ingredients are included

National regulations:

Classification according to VbF: Not applicable

Technical Instructions on Air Quality Control:

Class	Proportion in %
Water	2.5 - 10
NK	≤ 2.5

ÖNORM M 9485:

Class	Proportion in %
Water	2,5 - 10
NK	≤ 2.5

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

Section 16: Other information

Department issuing data sheet: Product Safety Department

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulation concerning the international carriage of dangerous goods by rail).

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Dangerous Goods Code IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Ordinance on Flammable Liquids, Austria (Verordnung über die Lagerung von brennbaren Flüssigkeiten, Österreich) VOCV: Steering tax on volatile organic compounds, Switzerland (Swiss Ordinance on volatile organic compounds) VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic.

VPvB: Very persistent and very bioaccumulative.