

Safety Data Sheet

in accordance with 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

1.2 Relevant identified use of the substance/ 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: Keltenring 16
City: D-92361 Berggau
Telephone: +49 (0)9181/516 40-20
E-Mail: info@ralmont.de · Contact person: Mr. Niklas Weber
Web: <http://www.ralmont.de>

1.4 Emergency number

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

Section 2: Possible hazards

2.1 of the substance/ mixture

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 warning	not applicable

2.3 Other hazards

Results of PBT- und 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 admixtures

Hazardous ingredients:

not applicable

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

Anionic surfactants, non-ionic surfactants < 5 %

Preservatives Methylisothiazolinones and Benzisothiazolinones

Additional notes:

The wording of the listed hazard statements can be found in section 16

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Section 4: First aid measures

4.1 Description of the first aid measures

General notes:	No special measures required
After inhalation:	Fresh air supply, consult doctor in case of symptoms
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 doctor if symptoms persist

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3 Indications for immediate medical attention or specialized treatment

No further relevant information available

Section 5: Fire fighting measures

5.1 Extinguishing agent

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with alcohol-resistant foam. Adapt fire extinguishing measures to the surroundings.

5.2 Special hazards arising from the substance or mixture

No further relevant information available

5.3 Advice for fire fighting

Special protective equipment: No special measures required

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and procedures to be used in case of emergency

Not required

6.2 Environmental protection measures

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

6.3 Methods and material for retention and cleaning

Pick up mechanically

6.4 Reference to other sections

Information for safe handling	see section 7
Information on personal protective equipment	see section 8
Disposal information	see section 13

Section 7: Handling and storage

7.1 Protective measures for safe handling

No special measures required

Notes on fire and explosion protection

No special measures required

7.2 Conditions for safe storage taking into account incompatibilities

Storage:	No specific requirements
Requirements for storage rooms and containers:	No specific requirements
Combined storage instructions:	Not required
Further information on storage conditions:	None
Storage class:	13
VbF-Class:	Not applicable

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7.3 Specific end applications

No further relevant information available

Additional notes on the design of technical systems

No further information, see section 7

Section 8: Exposure controls / Personal protective equipment

8.1 Parameters to monitor

Components with limit values that require monitoring at the workplace:

CAS: 7631-86-9 Silicon dioxide
MAK Long-term value: 4 E mg / m³

Additional notes

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

8.2 Exposure controls and monitoring

Personal protective equipment:

General protective and hygienic measures

The usual precautions when handling chemicals must be observed

Respiratory protection

Not required

Hand protection

The glove material must be impermeable and resistant to the product / substance / preparation.

Due to the lack of tests on the finished product, no specific recommendation on the glove material (trade name or supplier) can be given for the product / preparation / chemical mixture

The following are general data on protective gloves according to EN 374: Selection of glove material taking into account the breakthrough times, permeation rates and the 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. Since the product is a preparation of several substances, the resistance of glove materials can not be calculated in advance and must therefore be checked before use.

Penetration time of the glove material

The exact penetration time must be obtained from the protective glove manufacturer and must be observed

Eye protection

Not required

Section 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

General information

Appearance

Form: pasty

Color: grey

Smell: characteristic

Odor threshold: not determined

pH-Value: not applicable

Change of state

Melting point / freezing point: not determined

Flash point: not applicable

Flammability (solid, gaseous): 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 when used as intended

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to be avoided

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 data

11.1 Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met

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Classification-relevant LD/LC50 values

CAS: 7631-86-9 Silicon dioxide

OralLD50 10,000mg/kg (Rat)

CAS: 56-81-5 Glycerin

OralLD50 12,600mg/kg (Rat)

CAS: 7647-14-5 Sodium chloride

OralLD50 3,000 mg/kg (Rat)

Primary irritant effect:

Corrosive/irritant effect on skin

Based on available data, the classification criteria are not met

Severe eye damage/irritation

Based on available data, the classification criteria are not met

Sensitization of the respiratory tract/skin

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 for 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 risk

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 specified in Regulation (EC) No. 648/2004 on detergents. Documents confirming this are kept available for the designated authorities of the Member States and are only made available to them on their direct request or upon request of a detergent manufacturer.

12.3 Bioaccumulation potential

No relevant information available

12.4 Mobility in soil

No relevant information available

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Other ecological notes:

General notes:

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

12.5 Results of PBT and vPvB assessment

PBT:

According to our current knowledge, 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: Disposal instructions

13.1 Waste treatment process

Recommendation

Smaller quantities can be deposited together with household waste

Uncleaned packaging

Disposal according to official regulations
The 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
Klasse

14.4 Packing group

ADR, IMDG, IATA not applicable

14.5 Environmental hazards

Marine pollutant: no

14.6 Special precautionary measures for the user

inapplicable

14.7 Bulk transport according to

Annex II of the MARPOL-

Convention and according to the

IBC-Code inapplicable

UN Model Regulation not applicable

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Section 15: Austrian and EU regulations

15.1 Safety, health and environmental regulations and specific legislation for the substance/ 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 for air:

Class	Share in %
Water	2,5 – 10
NK	≤ 2,5

ÖNORM M 9485:

Class	Share in %
Water	2,5 – 10
NK	≤ 2,5

15.2 Chemical Safety Assessment

A chemical safety assessment has not been performed

Section 16: Other disclosures

Data sheet issuing branch: Product Safety Department

Abbreviations and acronyms:

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

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European agreement concerning the international carriage of dangerous good by road)

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

GHS: Globally Harmonised System of Classification and Labelling 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: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria) VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (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

The data for the hazardous ingredients were taken from the latest safety data sheet provided by the supplier.