

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

- 1.1 Product identifiers** : POLISHING PASTE
Product name
- 1.2 Relevant identified uses of the substance or mixture and uses advised against** : Polishing paste.
- | Identified uses | Industrial | Professional | Consumer |
|-----------------|------------|--------------|----------|
| uso | √ | √ | x |
- 1.3 Details of the supplier of the safety data sheet** : PCT EUROPE Srl
Via Pordenone 8
31046 Oderzo (TV) - ITALIA
tel. +39 0422 1788181
fax. +39 0422 1788185
- E-Mail (competent person)** : info@pcte.it
- 1.4 Emergency telephone number** : Tel . +39 0422 1788181 office hours only.

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

This product is not classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product, however, containing hazardous substances in concentrations such as to be declared in section 3 requires a safety data sheet in compliance with the provisions of Regulation (EC) 1907/2006 and subsequent amendments.

Classification according to Regulation (EC) No 1272/2008 : -

2.2 Label elements

Pictograms : -
Signal word : -
Hazard statements : -

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements : EUH210 Safety data sheet available on request.

2.3. Other hazards

- : On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.
- Dust may be generated during the polishing operation: prolonged inhalation may represent a potential risk. Therefore, adequate protective equipment must be installed during processing.

SECTION 3: Composition/information on ingredients

- 3.1 Substance** : Not applicable. This product is regulated as mixture.

3.2 Mixture : Reportable hazardous substance(s) complying with the classification criteria and/or with a community workplace exposure limit.

CAS No.	REGISTRATION No.	CE No.	INDEX No.	Classification	Concentration
<i>Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy-</i>					
9003-13-8	----	500-003-1	----	Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319	$\geq 1\%$ - <10%

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4. First aid measures

4.1. Description of first aid measures

General advice

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take off contaminated clothing and wash it before using it again. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Suitable extinguishing media: water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Unsuitable extinguishing media : For this mixture, limitations of extinguishing agents are not established.

5.2 Special hazards arising from the substance or mixture

: Ambient fire may liberate hazardous vapours: carbon oxides (CO, CO₂) and other organic compounds of variable dangerous composition.

5.3 Advice for firefighters

: Stay in danger area only with self-contained breathing apparatus. Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

5.4 Further information

: Dispose of fire debris and contaminated extinguishing water in accordance with local legislation. Evacuate personnel from the area affected by the fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel : Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment (including personal protective equipment referred to in Section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for workers to work and for emergency interventions.

Advice for emergency responders : Wear suitable protective equipment.

6.2 Environmental precautions : Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up : For small spills wipe up with paper towel and place in container for disposal. For larger spills: collect mechanically and dispose of as waste. Disposal of contaminated material according to item 13.

6.4 Reference to other sections : See section 8 for personal protective equipment. For disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling : Handle product only after having checked all the other sections of this safety data sheet. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before accessing the areas where you eat.

7.2 Conditions for safe storage, including any incompatibilities : Keep away from food, drink and feed.
Incompatible materials: None in particular. See also the following paragraph 10.
Indication for the premises: Room adequately ventilated (temperature 10°C-30°C).

7.3 Specific end use(s) : Polishing paste.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Components with workplace control parameters : Component: Particulate Not Otherwise Classified (PNOC)
Source: US OSHA PEL
TWA 8h: 15 mg/m³ total dust
TWA 8h: 5 mg/m³ respirable.

Source: ACGIH TLV[®] (2001):
10 mg/m³, inhalable; 3 mg/m³, respirable.

Recommended monitoring procedures : This product contains ingredients with exposure limits. Personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

8.2. Exposure controls

Appropriate engineering controls : Use only with adequate ventilation. If extremely fine dust or particles are generated during processing, use containment conditions, such as localized suction systems or other control devices to keep operators' exposure to pollutants in the air below any recommended or statutory limit

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following must be considered for the final choice of the work glove material: compatibility, degradation, break time and permeation. The resistance of work gloves to chemical agents must be checked before use as unpredictable. The gloves have a wear time that depends on the duration and the mode of use.

Suitable materials: butyl rubber, nitrile rubber. Observe the instructions regarding the permeability and penetration time that are provided by the glove supplier.

SKIN PROTECTION

Not necessary for normal use.

PROTECTION OF EYES

Safety glasses in accordance with EN166. Do not wear contact lenses. We also recommend the presence of an individual eyewash device.

RESPIRATORY PROTECTION

In case of dust formation during polishing operations, assess the need for purified air respirators also taking into account the exposure to components of the materials to be treated. Use a filtering face with P3 type filters (EN 143) to support technical measures. If the respirator is the only means of protection, use a full-face ventilated system. Use respirators and components tested and approved by the relevant standardization bodies, such as NIOSH (USA) and CEN (EU).

CONTROLS OF ENVIRONMENTAL EXPOSURE.

Emissions from production processes, including those from ventilation equipment, should be monitored for compliance with environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : different colors depending on the granulometry

Micron 0,10: colour Grey

Micron 0,25: colour Grey

Micron 0,50: colour Grey

Micron 1: colour White

Micron 3: colour Yellow

Micron 6: colour Orange

Micron 9: colour Green

Micron 15: colour Blue

Micron 30: colour Red

Micron 45: colour Brown

Micron 60: colour Purple

Micron 90: colour Black

Odour : characteristic

Odour Threshold : No data available.

pH : Not applicable

Melting point/freezing point : 0°C.

Initial boiling point and boiling range : 295°C.

Flash point : >60°C.

Evaporation rate	: No data available.
Flammability (solid, gas)	: Not flammable.
Volatile component	: No data available.
Upper/lower flammability or explosive limits	: No data available.
Vapour pressure	: No data available.
Vapour density	: No data available.
Relative density	: 0.835.
Water solubility	: Soluble.
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: Not flammable.
Decomposition temperature	: No data available
Viscosity	: No data available.
Explosive properties	: No explosive properties.
Oxidizing properties	: No oxidizing properties.

SECTION 10: Stability and reactivity

10.1 Reactivity	: Not reactive with other substances in normal conditions of use.
10.2 Chemical stability	: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	: No dangerous reactions expected.
10.4 Conditions to avoid	: Temperatures above 50°C or less than 10°C.
10.5 Incompatible materials	: Oxidizing materials.
10.6 Hazardous decomposition products	: None.

SECTION 11: Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Acute toxicity

LC50 (Inhalation - vapors) of the mixture: Not classified (no relevant component).
LC50 (Inhalation - mists / powders) of the mixture: Not classified (no relevant component).
LD50 (Dermal) of the mixture: Not classified (no relevant component).
LD50 (Oral) of the mixture: ATE (oral) > 2000 mg / kg body weight: Not classified.

Poly[oxy(methyl-1,2-ethanediyl)], α -butyl- ω -hydroxy-:
LD50 (Oral). > 300 - <2,000 mg/kg bw Female rat OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

SKIN CORROSION / CUTANEOUS IRRITATION.

Does not meet the classification criteria for this hazard class

SERIOUS OCULAR DAMAGE / EYE IRRITATION.

Does not meet the classification criteria for this hazard class.

RESPIRATORY OR CUTANEOUS SENSITIZATION.

Does not meet the classification criteria for this hazard class.

MUTAGENICITY ON GERMINAL CELLS.

Does not meet the classification criteria for this hazard class.

CARCINOGENICITY.

Does not meet the classification criteria for this hazard class.

TOXICITY FOR REPRODUCTION.

Does not meet the classification criteria for this hazard class.

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - SINGLE EXPOSURE.

Does not meet the classification criteria for this hazard class.

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - REPEATED EXPOSURE.

Does not meet the classification criteria for this hazard class.

DANGER IN CASE OF ASPIRATION.

Does not meet the classification criteria for this hazard class.

ADDITIONAL INFORMATION

In case of dust formation during processing: prolonged overexposure to respirable dust may cause damage to the lungs (fibrosis) with symptoms of cough, shortness of breath and decreased respiratory capacity. Chronic effects can be exacerbated by smoking.

SECTION 12: Ecological information

Since specific data on the preparation are not available, use according to good working practices, avoiding to disperse the product in the environment. Avoid dispersing the product in the ground or waterways. Notify the competent authorities if the product has reached watercourses or has contaminated the soil or vegetation. Take measures to minimize the effects on groundwater.

12.1 Toxicity

Poly[oxy(methyl-1,2-ethanediyl)], α -butyl- ω -hydroxy-:

LC50 - Fish. 6.93 - 104 mg/L/96h Brachydanio rerio- OECD Guideline 203 (Fish, Acute Toxicity Test)

EC50 - Crustaceans. >100 mg/l/48h Daphnia magna - OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

EL50 - Algae / Aquatic Plants. 112 mg/l/72h Pseudokirchneriella subcapitata OECD Guideline 201 (Alga, Growth Inhibition Test).

12.2 Persistence and degradability : Poly[oxy(methyl-1,2-ethanediyl)], α -butyl- ω -hydroxy-
Readily Biodegradable. 79% 28d

12.3 Bio accumulative potential : No data available.

12.4 Mobility in soil : No data available.

12.5 Results of PBT and vPvB assessment : PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects : No data available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product : The material should be recovered for recycling where possible. Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging : Contaminated packaging must be sent for recovery or disposal in accordance with national waste management regulations.

SECTION 14: Transport information

14.1 UN number : ----

14.2 UN proper shipping name : ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 Transport hazard class(es) : ----

PCT EUROPE SRL

- 14.4 Packaging group : ----
 14.5 Environmental hazards : ----
 14.6 Special precautions for user : No data available
 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso category - Directive 2012/18 / EC: none.

Restrictions related to the product or to the substances contained according to Annex XVII Regulation (EC) 1907/2006.
None.

Substances in Candidate List (Article 59 REACH).

Based on the available data, the product does not contain SVHC substances in percentages greater than 0.1%.

Substances subject to authorization (Annex XIV REACH).

None.

Substances subject to export notification obligation Reg. (CE) 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare checks.

Workers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried out according to the provisions of art. 41 of Legislative Decree 81 of 9 April 2008 unless the risk for the safety and health of the worker has been assessed as irrelevant, according to the provisions of art. 224 paragraph 2.

- 15.2 Chemical Safety Assessment** : A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other information

Revision date: 20/07/2018 : First issue.

Procedure used to evaluate the classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	: Classification EUH210	Evaluation method Calculation method
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Full text of H-Statements referred to under section 3

Acute Tox. Acute toxicity.
Eye Irrit. Eye Irritation
Skin Irrit. Skin irritation

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

LEGEND:

ADR: European Agreement concerning the carriage of Dangerous goods by Road

CAS NUMBER: Chemical Abstract Service number

EC50: Effective concentration (required to induce a 50% effect)

CE NUMBER: Identifier in ESIS (European archive of existing substances)

CLP: EC Regulation 1272/2008

EmS: Emergency Schedule

GHS: Global harmonized system for the classification and labeling of chemicals

IATA DGR International Air Transport Association Dangerous Goods Regulation

IC50: Immobilization concentration of 50% of the population subjected to testing

IMDG: International Maritime Code for dangerous goods

IMO: International Maritime Organization

INDEX NUMBER: Identifier in Annex VI of CLP

EL50: effective load rate resulting in a 50% effect

LC50: Lethal concentration 50%

LD50: Lethal dose 50%

OEL: Occupational exposure level

PBT: Persistent, bioaccumulative and toxic according to REACH

PEL: Permitted exposure limit

PEC: Predicted environmental Concentration

REACH: EC Regulation 1907/2006

RID: Regulation concerning the international transport of dangerous goods by train

TLV: Threshold limit value

TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.

TWA STEL: Short-term exposure limit

TWA: Time-weighted average exposure limit

VOC: Volatile organic compound

vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation

GENERAL BIBLIOGRAPHY:

Regulation (EU) 1907/2006 of the European Parliament (REACH)

Regulation (EC) 1272/2008 of the European Parliament (CLP)

Regulation (EU) 2015/830 of the European Parliament

The Merck Index. - 10th Edition

Handling Chemical Safety

INRS - Fiche Toxicologique (toxicological sheet)

Patty - Industrial Hygiene and Toxicology

N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

ECHA Agency website

Note to the user:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

POLISHING PASTE

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This document was written by a competent SDS technician who has received appropriate training.