



SECTION 1: Identification of the substance or mixture and of the company

1.1. Product identifier

Product description: Gloss for plaster models.

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

Identified Use Professional use: Product for the final polishing of plaster models.

1.3. Details of the supplier of the safety data sheet

Leone s.p.a.

I – 50019 Sesto Fiorentino – Firenze - Via P. a Quaracchi, 50

e-mail: research@leone.it – <http://www.leone.it>

Tel. +39 055.30.44.1 – Fax +39 055 374808.

1.4. Emergency telephone number

+39 055.30.44.1. An answering machine is on during closing time.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

According to Regulation (EC) no. 1272/2008 [CLP].

This product meets the criteria for classification as hazardous in accordance with Titles I and II of Regulation (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures.

The product shows a moderate irritating power due to the elevated pH value of the solution. It may cause irritation to skin sensitisation and in particular to mucosa, either ocular or not.

Causes skin irritation, H315.

Causes serious eye irritation, H319.

Precautionary statement(s)	P361 + P364 P305 + P351 + P338	Take off immediately all contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
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2.2. Label elements

Not applicable.

2.3. Other hazards

Not classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

This product is a mixture.

3.2. Mixtures

Hazardous ingredients	%W/W	EC no.	CAS no.	Hazard Class and Category Code(s)	Hazard statement Code(s)
Distilled water	< 90 %	231-791-2	7732-18-5		
Potassium soap containing					
BHT	< 0,05 %	204-881-4	128-37-0		
EDTA	< 0,2 %	200-573-9	64-02-8		

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of releasing dust as described in Section 2, the following first aid procedure are recommended:

Inhalation None.

Skin contact Wash abundantly with warm water.

Eye contact Wash immediately with plenty of water with the eyelids held wide open, for at least 10 minutes. Holders of contact lenses should possibly seek for medical advice.

Ingestion Do not induce vomiting. Seek medical advice. Give water with egg albumen.

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

Not available.

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

Not available.



SECTION 5: Firefighting measures

The product is not flammable.

5.1. Extinguishing media

Suitable extinguishing Media The product is not flammable; in case of fire, use extinguishing agents used for other materials involved.

Unsuitable extinguishing Media None.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for firefighters

None.

SECTION 6: Accidental release measures

Sweep up to avoid slipping hazards.

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: in the event of major spillage, wear suitable boots or shoes.

6.2. Environmental precautions

Prevent dispersion with sand and earth. Do not allow to enter water streams.

6.3. Methods and material for containment and cleaning up

Collect spilled material by mechanical means. Remove residuals with water.

6.4. Reference to other sections

Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not eat or drink during handling. Take a proper work behaviour.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place. Avoid temperatures lower than 0°C.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection	Safety glasses.
Skin protection	Eventually use apron.
Hand protection	Gloves.
Respiratory protection	None.

Environmental exposure control

See Section 6.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Amber.
Odour	Light essence of Scots pine.
pH	9-10 at 20°C.
Solubility in water	Complete into deionized water.
Melting point	Not available.
Flammability	Not flammable, it does not burn.
Explosion properties	Not explosive or oxidizing.
Density (H ₂ O=1)	Not available.
Volatile substances or elements	Absent.

9.2. Other information

No further details as regards the safety-relevant parameters are required.



SECTION 10: Stability and reactivity

10.1. Reactivity

Information not available.

10.2. Chemical stability

Stable under normal condition.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Contact with strong oxidizing, acidic solutions.

10.5. Incompatible materials

No further information.

10.6. Hazardous decomposition product(s)

No further information.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

According to Regulation (EC) no. 1272/2008 [CLP], the risks related to the product's exposure can be summarized as follows:

LD 50 oral acute (rat) > 2000 mg/kg.

Potential Acute Health Effects

Skin corrosion/irritation: frequent and prolonged contact can cause severe irritation.

Ocular damage/irritation: frequent and prolonged contact can cause severe irritation.

Skin and respiratory system sensitization: not available.

Signs and Symptoms of Exposure

No specific data.

Medical Conditions Generally Aggravated by Exposure

Not known.

Carcinogenic or Potential Carcinogenic Effects

Not available.

Other Potential Health Effects

Not known.

Potential Chronic Health Effects

Not known.

SECTION 12: Ecological information

Mildly pollutant product, according to the risk classification of water pollution.

12.1. Toxicity

Information not available.

12.2. Persistence and degradability

Information not available.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

Not known significant effects or critical hazards.

SECTION 13: Disposal considerations

Dispose of in accordance with local and national regulations. In Italy dispose of according to Legislative Decree of April 3 2006 no. 152 "Regulations on environmental subject", application of European Directives on environmental protection, and subsequent modifications and integrations.

13.1. Waste treatment methods

This product is classified as a special non-hazardous waste and can be disposed of in landfills. Based on decisions of individual collection Companies of municipal solid waste, it can be disposed of with household waste.

SECTION 14: Transport information

Not dangerous according to current transportation regulations.

14.1. UN-number

Not applicable.

14.2. UN proper shipping name

Not applicable.



14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

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

Regulation (EC) no. 1272/2008 (Classification, labeling and packaging of substances and mixtures) and subsequent amendments, amending and repealing Directive 67/548/EEC and 1999/45/EC, and amending Regulation (EC) no. 1907/2006.

Directive 2009/161/EU (third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC).

15.2. Chemical safety assessment

Not applicable.

SECTION 16: Other information

This Safety data sheet was prepared in accordance with the Commission Regulation (EU) no. 453/2010 and Commission Regulation (EU) no. 2015/830.

The safety data sheet has been written according to relevant European provisions, on the basis of information received by the supplier of the mixture.

The product is intended for orthodontic and odontological use only. The use of the product has to be restricted to skilled and licensed professionals. The information relates only to specific product designated and is not intended as a warranty of quality.

Leone disclaims any responsibility arising out of the use of the information here furnished, or of the handling, the application or the manufacture of the product here described. The final user is called to verify the application and completeness of the information herein in relationship to the specific use and reliability of the rules and local applicable dispositions.

The present information does not imply any liberty to break patent rights.

Previous safety data sheet no. R19/3E dated 29/05/2009 is to be considered obsolete. In comparison to the preceding revision, meaningful changes have not been effected but only adjustments to the European provisions which regulate the compilation of safety data sheet.

This safety data sheet is subject to revision. Visit our web site www.leone.it for an updated version of the present sheet.

Legend

CAS No.: Chemical Abstract Service Registry number.

EC No.: European Inventory of Existing Commercial Chemical Substances.

IBC Code: International Bulk Chemicals Code.

LD50: Lethal Dose 50: the dose required to kill half the members of a tested population after a specified test duration.

PBT: Persistent, Bioaccumulative And Toxic Substances.

vPvB: Very Persistent And Very Bioaccumulative Substances.