



## 1. Identification of the preparation and of the company

### 1.1 Identification of the preparation

Gloss for plaster models with lot number greater than 11091200.

### 1.2 Use of the preparation

Product for the final polishing of plaster models.

### 1.3 Company identification

Leone s.p.a.

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Tel. ++39 (0)55.30.44.1 – Fax ++39 (0)55 374808.

### 1.4 Emergency telephone

++39 (0)55.30.44.1. An answering machine is on during closing time.

## 2. Hazards identification

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.

## 3. Composition/information on ingredients

Information on hazardous ingredients<sup>1</sup> and composition %:

Potassium salts.

The product contains:

Chemical name	EC <sup>2</sup> Number	%	CAS <sup>3</sup> Number	Hazard symbols <sup>4</sup>	R <sup>4</sup> Phrases
Potassium soap containing				Xi	R36 R38
BHT (Butylated Hydroxytoluene)	204-881-4	< 0,05	128-37-0		
Tetrasodium EDTA	200-573-9	< 0,2	064-02-8		
Distilled water	231-791-2	< 90	7732-18-5	-	-

## 4. First aid measures

Inhalation: not applicable.

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

Skin contact: wash off with plenty of hot water.

Eye contact: rinse 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.

## 5. Fire-fighting measures

Suitable fire extinguishing methods: the product is not flammable; in case of fire, extinguishing agents used for other materials involved may be used.

Prohibited extinguishing methods: none.

Exposure hazards: none.

## 6. Accidental release measures

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

Environmental precautions: prevent dispersion with sand and earth. Do not allow to enter water streams.

Cleaning up methods: collect spilled material by mechanical means. Remove residuals with water.

## 7. Handling and storage

### 7.1 Handling

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

### 7.2 Storage

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

## 8. Exposure controls/personal protection

### 8.1. Exposure limit values

No special measures are required.

<sup>1</sup> The occupational exposure limits (OEL), if known, are listed in section 8.

<sup>2</sup> Number of European Catalogue. The EC number is made of a sequence of 7 figures, whose first group of 3 figures begins with 2 or 4 depending on which substance is included in the EINECS (European Inventory of Existing Commercial Chemical Substances) or in the ELINCS (European List of Notified Chemical Substances), or it begins with 5 if the substance is included in the list of "ex-polymers."

<sup>3</sup> CAS Number (Chemical abstract service).

<sup>4</sup> Hazards related to the ingredients of the product are indicated in section 2, information to be shown on the label, if applicable, are indicated in section 15. Explanation of hazardous symbols and Risk phrases is indicated in section 15 and/or 16.



#### 8.1.1. Inhaling protection

Not applicable.

#### 8.1.2. Hand protection

Use gloves.

#### 8.1.3 Eye protection

Use safety goggles.

#### 8.1.4. Skin protection

Eventually use apron.

### 8.2. Environmental exposure control

Take section 6 into consideration.

## 9. Physical and chemical properties

### 9.1. General information

Appearance/status: amber coloured liquid  
Odour: light essence of Pine Sylvestris.

### 9.2. Health, safety and environmental information

pH (10 g/l) a 20°C: 9-10  
Melting point: not applicable  
Flammability: not flammable and no burning  
Explosive and combustive properties: not explosive and not combustive  
Solubility in water: complete into deionised water  
Specific weight: not detected  
Volatile substances or elements: none.

## 10. Stability and reactivity

Stability: stable under normal conditions.  
Conditions to avoid: not applicable.  
Substances to avoid: contact with oxidizing agents, acid solutions.  
Hazardous reactions: none.

## 11. Toxicological information

Hazards related to the exposure of the product may be resumed as follows:  
- inhalation: not applicable  
- ingestion: LD<sub>50</sub><sup>5</sup> (rat) >2000 mg/kg  
- skin contact: repeated and prolonged exposure may cause strong irritations  
- eye contact: repeated and prolonged exposure may cause strong irritations.

## 12. Ecological information

WGK (German classification of risks for water pollution) = 1 (mildly polluting substance).

## 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.

## 14. Transport information

Not dangerous for transport.

## 15. Regulatory information

- Health, safety and environmental information shown on the label according to European Directives on hazardous materials and substances  
None.  
- Information related to further dispositions  
None.

## 16. Other information

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

Hazard symbols or risk phrases shown on section 3,  
Hazard symbols: Xi Irritant  
Risk phrases: R36 Irritating to eyes

<sup>5</sup> LD<sub>50</sub> Lethal Dose, dose of substance which results to be lethal for 50% of organisms used in a toxicity test.



Safety phrases:	R38	Irritating to skin
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S27	Take off immediately all contaminated clothing

are specific for some ingredients and not shown on the product label.

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 drawn herein is based on our knowledge at the date of the issue.

The information is exclusively provided related to the product herewith specified 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 doesn't imply any liberty to break patent rights.

In comparison to the preceding revision, changes have been effected in the ingredients of the product.

Previous safety data sheet n. R19/2E dated 29/05/2009 refers to products with lot number less than 11091200.

This safety data sheet is subject to revision. Visit our web site [www.leone.it](http://www.leone.it) for an updated version of the present sheet.