

## SAFETY DATA SHEET ( Directive 91/155/EEC )

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### 1 IDENTIFYING ELEMENTS OF THE SUBSTANCE OR COMPOUND AND MANUFACTURER

- Product: KROMOPAN 100
- Classification: Alginate for use in dentistry
- Manufacturer: LASCOD S.p.A. - Via L. Longo 18 - 50019 Sesto Fiorentino - Firenze - Italy  
Phone +39.055.4215768 - Fax +39.055.4210421  
Emergency phone no.: +39.055.4215768 (Research Laboratory)

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### 2 COMPOSITION / INFORMATION ABOUT COMPONENTS

- Main components: diatomaceous earth, crystalline silica, sodium alginate, sodium phosphate, calcium sulphate.

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### 3 IDENTIFICATION OF HAZARDS

- No particular health or environmental hazard.

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### 4 FIRST AID MEASURES

- Swallowing: If in pain, call a doctor.
- Contact with the eyes: Flush with abundant running water, holding the eyelids open.
- Contact with the skin: wash with water.
- Inhaling: take the patient out of doors.

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### 5 FIRE FIGHTING MEASURES

- Suitable extinguishers: not applicable, not inflammable product.
- Unsuitable extinguishers: not applicable, not inflammable product.
- Protective gear: not applicable, not inflammable product.

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### 6 MEASURES IN CASE OF ACCIDENTAL SPILLS

- Personal precautions: protective goggles and dust mask (in case of major spills involving large quantities of the product).
- Environmental precautions: keep spilled products out of drains and waterways
- Cleaning methods: collect using mechanical means, taking care not to raise dust, and dispose of the materials according to the rules in effect.

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### 7 HANDLING AND STORAGE

- HANDLING: use only according to the manufacturer's instructions
- STORAGE: store in its package in a cool, dry place

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### 8 CONTROL OF EXPOSURE / PERSONAL PROTECTION

- When using this product no special protection is necessary (e.g. mask, gloves, goggles, etc.).

## 9 PHYSICAL AND CHEMICAL PROPERTIES

- **APPEARANCE:** powder
  - **COLOR:** white
  - **ODOR:** aromatic
  - **pH** (suspension of 10 g of powder per liter of water after 2 min.): 8.0 at 20°C
  - **BOILING POINT:** not pertinent
  - **MELTING POINT / TIME:** not pertinent
  - **BURNS AT:** not pertinent
  - **INFLAMMABLE :** non inflammable
  - **SPONTANEOUS COMBUSTION:** not pertinent
  - **EXPLOSIVE PROPERTIES:** not explosive
  - **COMBURENT PROPERTIES:** not comburent
  - **STEAM PRESSURE:** not pertinent
  - **DENSITY:** 2.3
  - **APPARENT DENSITY:** 300 g/l
  - **SOLUBILITY IN WATER:** reacts by forming a hydrophilous gel
  - **OTHER DATA:** none
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## 10 STABILITY AND REACTIVITY

- No decomposition if used and stored according to manufacturer's.
  - Conditions to avoid: heating, humidity.
  - Materials to avoid:===
  - Hazardous reactions to decomposition: ===
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## 11 TOXICOLOGICAL INFORMATION

- On the basis of the experience acquired on the products no hazardous effect on health is known when used according to the manufacturer's instructions.
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## 12 ENVIRONMENTAL INFORMATION

- The product does not damage the environment in any way.
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## 13 RECOMMENDATIONS FOR DISPOSAL

- To apply the either national or local specific laws in force where the disposal is made.
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## 14 SHIPPING INFORMATION

- No shipping hazard.
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## 15 INFORMATION ABOUT REGULATIONS

- No obligation to label according to EEC directive on hazardous substances.
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## 16 OTHER INFORMATION

- The above data are based on the knowledge of the manufacturer on the date of issue of this document.
  - The user, before using the product, should ascertain that it is suitable for the type of operation for which it is to be used.
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