

# CHROMATIC ALGINATE

## MATERIAL SAFETY DATA SHEET

### 1- IDENTITY

1.1. TRADE NAME: CHROMATIC ALGINATE  
1.2. CLASSIFICATION NAME: DENTAL IMPRESSION MATERIAL  
1.3. COMMON OR USUAL NAME: ALGINATE

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### 2- CHEMICAL IDENTITY

2.1. COMPONENTS:  
SODIUM ALGINATE  
DIATOMACEOUS EARTH  
CALCIUM SALTS  
POTASSIUM SALTS  
PHOSPHATE SALTS  
CHROMATIC INDICATOR  
FOOD FLAVOUR

2.2. HAZARDOUS COMPONENTS: NONE

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### 3- HEALTH AND ENVIRONMENT HAZARD DATA

NO HEALTH OR ENVIRONMENT HAZARDS WHEN THE MATERIAL IS HANDLED IN ACCORDANCE WITH OFFICIAL REGULATIONS.

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### 4- EMERGENCY AND FIRST AID PROCEDURES

4.1. IN CASE OF CONTACT WITH EYES: NONE  
4.2. IN CASE OF CONTACT WITH SKIN: NONE  
4.3. IN CASE OF INHALATION: NONE  
4.4. IN CASE OF INGESTION: NONE

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### 5- FIRE FIGHTING PROCEDURES

5.1. FIRE EXPLOSION HAZARDS: KEEP AWAY OF OPEN FLAME  
5.2. EXTINGUISHING MEDIA: ANY APPLICABLE TO PRIMARY CAUSE OF FIRE

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**6- STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED**

- 6.1.PERSONAL PROTECTION:NONE
- 6.2.PROTECTION OF ENVIRONMENT: COLLECT WATHER USED FOR CLEANING
- 6.3.CLEANING METHODS:ADSORB SPILL MECHANICALLY.PLACE IN SEALED MARKED CONTAINERS.FLOOR AND TOOLS CONTAMINATED WITH SPILLED MATERIAL SHALL BE FLUSHED WITH PLENTY OF WATER.

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**7-HANDLING AND STORING**

- 7.1- HANDLING: HANDLING PROCEDURES AS FOR INSTRUCTIONS IN ORDER TO PREVENT WATHER POLLUTION.
- 7.2. STORING: STORE IN DRY PLACE AT A MAXIMUN TEMPERATURE OF + 25°C.

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**8. PRECAUTION FOR SALE USE.**

- 8.1.TECNICAL PRECAUTION:
- 8.2.PERSONAL PROTECTION:
  - a) RESPIRATORY PROTECTION: NONE
  - b) PROTECTIVE GLOVES: NONE
  - c) EYE PROTECTION: NONE
  - d) SKIN PROTECTION: NONE

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**9- PHYSICAL/CHEMICAL CHARACTERISTICS**

- 9.1.APPEARANCE: WHITE POWDER
- 9.2. ODOUR : SPEARMINT
- 9.3. pH : 8
- 9.4: BOLLING POINT: NO VOLATILE
- 9.5. MELTING POINT: n.a.
- 9.6. FLASH POINT: n.a.
- 9.7. FLAMMABILITY: n.a.
- 9.8 EXPLOSIVE CHARACTERISTICS: n.a.
- 9.9. FIRE DATA: n.a.
- 9.10 VAPOUR PRESSURE: n.a.
- 9.11.RELATIVE DENSITY: n.a.
- 9.12 SOLUBILITY IN WATER: INSOLUBLE

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**10-STABILITY AND REACTIVITY DATE**

- 10.1.CONDITION TO AVOID: NONE
- 10.2.MATERIALS TO AVOID: NONE
- 10.3.HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NONE

**11- TOXICOLOGICAL DATA**

NO DANGEROUS EFFECTS HAVE BEEN NOTICED IN MANY YEARS PRACTICAL EXPERIENCE AND WITH NORMAL HYGIENIC PRATICES.

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**12- ECOLOGICAL DATA**

NO TROUBLE WITH WATER PURIFICATION PLANTS,PROVITED THAT THE MATERIAL IS USED IN ACCORDANCE WITH INTRUCTIONS.  
REMOVAL FROM WASTE WATER THROUGH FILTRATION.  
AVOID CONTAMINATION OF STREAMS AND PHREATIC SURFACE.

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**13-WASTE DISPOSAL METHOD**

DISCHARGE IN SUITABLE LANDFILL SITE OR INCENERATE.

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**14- TRANSPORT**

- 14.1. CARRIAGE BY LAND: NO RESTRICTIONS
  - 14.2. CARRIAGE BY SEA: NO RESCTRICTIONS
  - 14.3. CARRIAGE BY AIR: NO RESTRICTIONS
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**15- INFORMATION ON REGULATION**

EXEMPT FROM MARKING OBLIGATION IN CONFORMITY WITH EEC REGULATIONS.

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