1- IDENTITY

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

2- CHEMICAL IDENTITY

2.1. COMPONENTS:
   - SODIUM ALGINATE
   - DIATOMACEUS EARTH
   - CALCIUM SALTS
   - POTASSIUM SALTS
   - PHOSPHATOR SALTS
   - CHROMATIC INDICATOR
   - FOOD FLAVOUR

2.2. HAZARDOUS COMPONENTS: NONE

3- HEALTH AND ENVIRONMENT HAZARD DATA

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

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

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
6- STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED

6.1. PERSONAL PROTECTION: NONE
6.2. PROTECTION OF ENVIRONMENT: COLLECT WATER 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.

7-HANDLING AND STORING

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

8. PRECAUTION FOR SALE USE.

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

9- PHYSICAL/ CHEMICAL CHARACTERISTICS

9.1. APPEARANCE: WHITE POWDER
9.2. ODOR: 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

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 PRACTICES.

12- ECOLOGICAL DATA
NO TROUBLE WITH WATER PURIFICATION PLANTS, PROVIDED THAT THE MATERIAL IS USED IN ACCORDANCE WITH INSTRUCTIONS. REMOVAL FROM WASTE WATER THROUGH FILTRATION. AVOID CONTAMINATION OF STREAMS AND PHREATIC SURFACE.

13- WASTE DISPOSAL METHOD
DISCHARGE IN SUITABLE LANDFILL SITE OR INCENERATE.

14- TRANSPORT
14.1. CARRIAGE BY LAND: NO RESTRICTIONS
14.2. CARRIAGE BY SEA: NO RESTRICTIONS
14.3. CARRIAGE BY AIR: NO RESTRICTIONS

15- INFORMATION ON REGULATION
EXEMPT FROM MARKING OBLIGATION IN CONFORMITY WITH EEC REGULATIONS.