



MATERIAL SAFETY DATA SHEET

Classified as non hazardous according to criteria of WorkSafe Australia

Kromalgin PIU

1. IDENTITY

- 1.1 TRADE NAME: KROMALGIN PIU
1.2 CLASIFICATION NAME: Dental impression materials.
1.3 COMMON OR USUAL NAME: Alginate.

2. CHEMICAL IDENTITY

2.1 COMPONENTS :

Sodium Alginate	14.00%
Trisodium Phosphate	3.30%
Calcium Sulphate	17.50%
Diatomaceus Earth	61.86%
Food flavour	0.30%
Potassium Fluorotitanate	3.00%
Thymolphtalein	0.03%
Phenolphtalein	0.01%

2.2 HAZARDOUS COMPONENTS: None.

3. HEALTH AND ENVIRONMENT HAZARD DATA

No health or environment hazards when the material is in accordance with official regulations.

4. EMERGENCY AND FORT AID PROCEDURES

- 4.1 IN CASE OF CONTACT WITH EYES:
4.2 IN CASE OF CONTACT WITH SKIN:
4.3 IN CASE OF INHALATION:
4.4 IN CASE OF INGESTION:

5. FIRE FIGHTING PROCEDURES

5.1 FIRE EXPLOSION HAZARDS

Keep away from open flame.

5.2 EXTINGUISHING MEDIA

Any applicable to primary cause of fire.

RECOMMENDED:

CONTRAINDICATED:

5.3 PROTECTIVE CLOTHING AND EQUIPMENT IN CASE OF FIRE

5.4 EXPOSURE HEALTH HAZARDS

6. STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED

6.1 PERSONAL PROTECTION

6.2 PROTECTION- OF ENVIRONMENT:

Collect water used for cleaning

6.3 CLEANING METHODS:

Absorb spill mechanically. Place in sealed and marked contents. Floor and tools contaminated with spilled material should be flushed with plenty of water.



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7. HANDLING AND STORAGE.

7.1 HANDLING:

Handling procedure as per instructions in order to prevent water pollution.

7.2 STORING:

Store in dry cool place at a maximum temperature of +25°C.

8. PRECAUTION FOR SALE USE

8.1 TECHNICAL PRECAUTIONS:

8.2 PERSONAL PROTECTION:

No special protection required.

a) RESPIRATORY PROTECTION:

b) PROTECTIVE GLOVES:

c) EYE PROTECTION:

d) SKIN PROTECTION:

9. PHYSICAL/CHEMICAL CHARACTERISTICS

9.1 APPEARANCE:	White powder.
9.2 ODOUR:	Mint flavoured.
9.3 ph:	8
9.4 BOILING POINT:	Non 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 DATA

10.1 CONDITIONS TO AVOID:

10.2 MATERIALS TO AVOID:

10.3 HAZARDOUS REACTIONS:

No hazardous reactions if the material is used in conformity with instructions.

10.4 HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

none.

11. TOXICOLOGICAL DATA

No dangerous effects have been noticed in many years practical experience and with normal hygienic practices.

12. ECOLOGICAL DATA

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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 stream and phreatic surface.

13 WASTE DISPOSAL METHOD

Discharge in suitable landfill site or incinerate.

14. TRANSPORT

14.1 CARRIAGE BY LAND:

14.2 CARRIAGE BY SEA:

14.3 CARRIAGE BY AIR:

15. INFORMATION ON REGULATION

Exempt from marking obligation in conformity with EEC regulations.

Disclaimer The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of or reliance on, this information in inappropriate contexts.