

SAFETY DATA SHEET

according to EC- directive 91/155/EC



Product Trade Name: **ALGIMET**

PAGE 1/4

Issue 11/06/2015

Version 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier
Product Name DENTAL IMPRESSION MATERIAL

Details of the supplier of the safety data sheet
Supplier Metrodent Limited
Lowergate Works, Lowergate
Paddock, Huddersfield
United Kingdom
+44 1484 461616
sales@metrodent.com

Emergency contacts
Office Hours Metrodent Limited
+44 1484 461616

Recommended intended purpose(s)
Dental

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:

Ingredient name	CAS Number	%	S Phrase	R Phrase
Potassium Fluorotitanate	1619-27-0	0.1-0.5	22-26-28	25-20/21 37/39-44
Diatomaceous Earth Fil	68855-54-59	60-70	22	40/20
Triethanolamine Alginate	9005-38-3	10		

3. HAZARDS IDENTIFICATION

Harmful: Prolonged exposure without using safety equipment

The product has to be labelled due to the calculation procedure of the General Classification guidelines for preparation of the EU in the latest valid version.

R43 May cause sensitisation by skin contact
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

4. FIRST AID MEASURES

General information:

Immediately remove any clothing soiled by the product

Skin Contact	Immediately rinse with water
Inhalation	Supply fresh air. If symptoms persist consult a doctor
Eye Contact	Flush eyes with plenty of water (10-15 min). If symptoms persist consult a doctor
Swallowed	Rinse out mouth and then drink plenty of water. If symptoms persist consult a doctor

SAFETY DATA SHEET

according to EC- directive 91/155/EC



Product Trade Name: **ALGIMET**

PAGE 2/4

Issue 11/06/2015

Version 3

5. FIRE-FIGHTING MEASURES

Extinguishing media

CO₂, extinguishing powder or water spray.

Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measure that suit the environment.

Protection and procedures for fire-fighters:

Fire-fighters should wear self-contained respiratory protective devices

For safety reason unsuitable extinguishing agents: water with full jet

Special hazards caused by the substance, it produces combination of resulting gases:

Formation of toxic gases is possible during heating or in case of fire

6. Accidental release measures

Personal precautions related safety procedures:

Avoid contact with skin and eyes

Avoid formation of dust

Wear protective clothing

Environmental precautions:

Do not allow to enter sewers/surface or ground water

Methods for cleaning/collecting

Prevent formation of dust

Ensure adequate ventilation

Dispose of the collected material according to regulations

7. Handling and storage

Handling

Product intended for dental use only.

Information for safe handling

Avoid contact with eyes. Prevent formation of dust.

Wear protective clothing when risk of exposure occurs

Use in a well ventilated area

Information about fire – and explosion protection:

No special measures required.

Storage practices and warnings:

Store only in original package. Keep package tightly sealed.

Store in a dry area. Away from food and beverages.

Protect from excessive heat and cold.

8. Exposure controls/personal protection

General protective and hygienic measure:

Avoid contact with eyes and skin.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Vacuum clean contaminated clothing

Breathing equipment: Suitable respiratory protective device recommended

Protective of hands: Protective gloves

Eye Protection: Safety Glasses

Body Protection: Protective work clothing

SAFETY DATA SHEET

according to EC- directive 91/155/EC



Product Trade Name: **ALGIMET**

PAGE 3/4

Issue 11/06/2015

Version 3

9. Physical and chemical properties

Information on basic chemical and physical properties
General information

Appearance:	Powder
Colour:	Pink
Odour:	Peppermint

Change in condition

Melting Point:	Undetermined
Boiling Point:	Undetermined
Flash Point:	Undetermined
Density:	Undetermined
Solubility in water:	Negligible

10. Stability and reactivity

Chemical stability

Stable at ambient temperature
Thermal decomposition/conditions to be avoided
No decomposition if used according to specifications
Possibility of hazardous reactions
No dangerous reactions known
Incompatible materials:
No further relevant information available
Dangerous decomposition products
No dangerous decomposition of products known

11. Toxicological information

Acute toxicity: Not available

Primary irritant effect:

On the skin:	May cause irritation
On the eye:	Irritating effect
Sensitization:	No sensitizing effect

Additional toxicological information:

The product shows the following dangers according to the calculation method for General EU Classification Guideless for preparation as issued in the last version
Harmful

12. Ecological information

Water hazard class 1 (self assessment): Slightly hazardous to water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal considerations

Product:

Recommendation: Must not be disposed with household garbage
Do not allow product to reach sewage system
Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SAFETY DATA SHEET

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Product Trade Name: **ALGIMET**

PAGE 4/4

Issue 11/06/2015

Version 3

14. Transport information

UN No: N/A

Land transport ADR/RID
ADR/RID class: N/A

Maritime transport IMDG
IMDG class:
Marine Polluant: N/A

Air Transport ICAO TI and IATA-DGR:
ICO/IATA Class: N/A

15. Regulatory information

Labelling according to EU Guideless:
The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous materials

Code letter and hazard designation of product

Xn Harmful

Hazard – determining components of labelling:

Diatomaceous Earth Fill

Potassium fluorotitanate

Risk Phrase:

43 may cause sensations by skin contact

48/20 Harmful danger of serious damage to health by prolonged exposure through inhalation

Safety Phrase:

22 Do not breathe dust

24 Avoid contact with skin

37 Wear suitable gloves

38 In case of insufficient ventilation, wear suitable respiratory equipment

16. Other information

This information is given in good faith, being based on the latest knowledge available to Metrodent Ltd. No known relevant information has been omitted from the product information, risk information and safety precaution sheets. The user should not assume therefore, the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, please contact Metrodent Ltd prior to use for further advice.

Relevant R-phrases

22 Harmful if swallowed

37 Irritating to respiratory system

41 Risk of serious damage to eyes

43 May cause sensitisation by skin contact

Relevant S-Phrases S 25

Avoid contact with eyes