



Material Safety Data Sheet according to the Dir. 2001/58/EEC – Revision date: 05/01/2011



ALGICLEAN POWDER

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Identification of the preparation:

Trade name: PROTESIL ALGICLEAN

Trade code: 05050

1.2 Utilization of the substance or of the preparation:

Alginate remove

1.3 Identification of the company:

Vannini Dental Industry - Via di Campigliano, 55/A – 50012 Grassina (FI) Italy

Emergency telephone number of the company: +39 055 644698

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

Ingredients	Percentage	CAS NUMBER	Symbols	R Phrases
Ammonium Oxalate	30% - 35%	6009-70-7	Xn Harmful	R21/22 R36/37

3. HAZARDS IDENTIFICATION

Preparation classified as dangerous

The product is harmful following acute exposure to it and poses a serious health threat if ingested or brought into contact with the skin. If brought into contact with eyes, the product causes considerable irritation which can last for over 24 hours, and if inhaled it can cause irritation to the airways.

4. FIRST AID MEASURES

- 4.1 Contact with skin:** Take off all contaminated clothing. Areas of the body that have – or are suspected of having come in contact with the product must be rinsed immediately with plenty of running water and soap.
- 4.2 Contact with eyes:** Wash immediately with water for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry handkerchief. TAKE A MEDICAL MEDICATION.
- 4.3 Swallowing:** induce vomiting. Call a physician immediately and present the Safety Data Sheet. A suspension of activated charcoal in water, or liquid paraffin may be administered.
- 4.4 Inhalation:** Ventilate the premise. Move subject to fresh air and keep him calm in a ventilated area. Keep respiratory tract non – obliterated and promptly call to medical attention.

5. FIRE-FIGHTING MEASURES

- 5.1 Recommended extinguishers:** water, CO₂, foam, chemical powders, according to the materials involved in the fire.
- 5.2 Extinguishers not to be used:** none in particular.
- 5.3 Risks arising from combustion:** avoid inhaling the fumes.
- 5.4 Protective equipment:** use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Measures for personal safety:** use gloves and suitable work clothing.
- 6.2 Environmental measures:** limit leakages with earth or sand. If the product has escaped into a water course, into a drainage system, or has contaminated the ground vegetation, notify the competent authorities.
- 6.3 Cleaning methods:** If the product is in a liquid form, stop it from entering the drainage system. Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

- 7.1 Handling precautions:** avoid contact and inhalation of the vapours. See, too, paragraph 8 below. Do not eat or drink while working.
- 7.2 Incompatible materials:** none in particular. See paragraph 10 below.



- 7.3 Storage conditions:** keep the closed container a temperature varying from 5°C to 27°C (41-80°F).
- 7.4 Technical measures:** satisfactory room ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Precautionary measures:** give adequate ventilation to the premises where the product is stored and/or handled.
- 8.2 Respiratory protection:** use respiratory protection where the ventilation is insufficient or exposure is prolonged.
- 8.3 Protection for hands:** Use protective gloves
- 8.4 Eye protection:** use close fitting safety goggles or visor
- 8.5 Skin protection:** use clothing that provides comprehensive protection to the skin
- 8.6 Exposure limit(s) (ACGIH):** none

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance and colour:** peach powder
- 9.2 Odour:** fresh
- 9.3 Steam pressure:** 20°C < 42 MBAR
- 9.4 Relative density:** 0.95 g/cc
- 9.7 Solubility in water:** Soluble

10. STABILITY AND REACTIVITY

- 10.1 Conditions to avoid:** Stable under normal conditions.
- 10.2 Substances to avoid:** None in particular.
- 10.3 Hazardous decomposition products:** None

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation. Set out below is the toxicological information relating to the main substances in the preparation.

12. ECOLOGICAL INFORMATION

Adopt sound working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover if possible. Dispose of the product at disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN N°: UN2928
Danger Labelling: toxic cl. 6, corrosive cl. 8
Packing: Plastic pot
Proper shipping name: toxic, solid, corrosive, organic, n.o.s (contains ammonium oxalate)
Subs. Risk: 8
Flashpoint: -
M. Poll: No
Class: 6.1
Packing Group: II
Ems: F-A, S-B
Packing instruction: Y613
Limited Quantity: internal packing: 1kg, neck: 4kg

15. REGULATORY INFORMATION

Symbols: Xn Harmful
R Phrases: R21/22 Harmful in contact with skin and if swallowed. R36/37 Irritant to eyes and respiratory system.
S Phrases: S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S24/25 Avoid contact with skin and eyes. Contents: Ammonium Oxalate

16. OTHER INFORMATION

For Ammonium Oxalate : R21/22 Harmful in contact with skin and if swallowed.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.