SAFETY DATA SHEET

Omnicolor Universal Alginat

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

Company/undertaking identification

Identification of the substance or preparation

Product name : Omnicolor Universal Alginat

REACH Product name : Dental Products

Product type : Alginate based powder, dustfree.

Product description : Dental impression material.

Distributor : Omnident Dental-Handelsgesellschaft mbH
Gutenbergring 7 - 9
D-63110 Rodgau, Hessen
T 0049 (6106) 874-267
F 0049 (6106) 874-265
www.omnident.de

Emergency telephone number (with hours of operation) : No known significant effects or critical hazards.

2. HAZARDS IDENTIFICATION

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : This product is not classified according to EU legislation.

Human health hazards : Irritating to eyes.

Additional hazards : This product is not classified according to EU legislation.

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Ingredient name	CAS number	%	Number	Classification
Europe				
Magnesium oxide	1309-48-4	1 - 5		Xi; R36/37/38 [1]
Tetrasodium pyrophosphate	7722-88-5	1 - 3	231-767-1	Xi; R36/37/38 [1]
Potassium Hexafluorotitanate	16919-27-0	1 - 2	240-969-9	Xn; R20/21/22 Xi; R41, R37 [1]
See section 16 for the full text of the R-phrases declared above				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

First aid measures

Ingestion : No known significant effects or critical hazards. If you feel unwell, seek medical attention.

Skin contact : Wash contaminated skin with soap and water.

Eye contact : Rinse with plenty of running water. Get medical attention if irritation occurs.

See section 11 for more detailed information on health effects and symptoms.

Powered by ATRION

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable : Use an extinguishing agent suitable for the surrounding fire.

Special exposure hazards : In a fire, hazardous decomposition products may be produced.

Hazardous thermal decomposition products : Decomposition temperature Potassiumhexafluorotitanate = 780°C => HF

Special protective equipment for fire-fighters : Wear appropriate respiratory protection.

Remark : None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear suitable gloves and eye/face protection.

Environmental precautions : Avoid release to the environment.

Methods for cleaning up

Small spill : Use a shovel to transfer the material to a convenient waste disposal container.

Large spill : Avoid creating dusty conditions and prevent wind dispersal. Wear appropriate respiratory protection. Use a shovel to transfer the material to a convenient waste disposal container.

7. HANDLING AND STORAGE

Handling : Prevent formation of dust.

Storage : No specific storage is required.

Packaging materials

Recommended : Use original container.

Exposure Scenario information : The product contains no relevant dust particles. The surface of the diatomaceaous earth is coated with parafinnes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Exposure controls

Occupational exposure controls : Prevent formation of dust.

Respiratory protection : A respirator is not needed under normal and intended conditions of product use.

Hand protection : PVC gloves. Nitrile gloves.

Eye protection : Safety glasses.

Skin protection : lab coat

Environmental exposure controls : Do not allow to enter drains or watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance

Physical state : Solid. (Powder.)

Color : Off-white.

Odor : Peppermint-like.

Important health, safety and environmental information

Relative density : Not determined.

Solubility : Partially soluble in the following materials:water

Octanol/water partition coefficient : Not determined.

Other information

Auto-ignition temperature : Not considered to be flammable.

Powered by ATRION

10. STABILITY AND REACTIVITY

Chemical stability : The product is stable.

Possibility of hazardous reactions : None.

Conditions to avoid : None.

Materials to avoid : No known significant effects or critical hazards.

Hazardous decomposition products : None.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

Inhalation : The product contains no relevant dust particles. The surface of the diatomaceaous earth is coated with parafinnes.

Ingestion : No known significant effects or critical hazards.

Skin contact : Non-irritating (EU).

Eye contact : Irritating to eyes.

Chronic effects : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Environmental effects : Water hazard class 1 (German Regulation) (Self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Smaller quantities can be disposed of with household garbage.

European waste catalogue (EWC) : Non-dangerous substance

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	Not regulated.	-	- Not controlled under European ADR.	-		-
ADN/ADNR Class	Not regulated.	-	- Not controlled under ADN/ADNR (Europe).	-		-
IMDG Class	Not regulated.	-	- Not controlled under IMDG.	-		-
IATA Class	Not regulated.	-	- Not controlled under IATA.	-		-

PG* : Packing group

Powered by ATRION

15. REGULATORY INFORMATION

Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases : This product is not classified according to EU legislation.

Product use : Dental impression material.

Europe inventory : **Europe inventory:** Not determined.

Priority List Chemicals : None.

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - Europe : R22- Harmful if swallowed.
R41- Risk of serious damage to eyes.
R37- Irritating to respiratory system.

Full text of classifications referred to in sections 2 and 3 - Europe : Xn - Harmful
Xi - Irritant

History

Date of printing : 11-11-2009.

Date of issue/ Date of revision : 11-11-2009.

Date of previous issue : 26-5-2009

Version : 1.1

Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Powered by ATRION