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Section I Identification

Product Name: Essentials Alginate

Item Code: 112-7284; 112-7285

Details of the supplier of the safety data sheet distributed by:

Essentials Healthcare Products

41 Weaver Road

Denver, PA 17517 USA

Emergency telephone number:

24 Hour emergency assistance:

Chemtrec US + 1-800-424-3900

International + 1-703-527-3887

General MSDS Assistance:

Information: +1-800-472-4346

Section II Hazard (s) Identification:

Heath Effects from Exposure By

Inhalation: Dust of material can cause the following irritation

Ingestion: No hazard expected in normal use.

Eye Contact: No hazard expected in normal use.

Skin Contact: No hazard expected in normal use.

Existing information

Carcinogenicity: N/D

Mutagenicity: N/D

Teratogenicity: N/D

Neurotoxicity: N/D

Reproductive System: N/D

Other effects: N/D

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Section III Composition/Information on Ingredients**Substance: Powder**

Principal Component	Chemical Formula	CAS No.	Contains
Magnesium oxide	Mg(OH) ₂	CAS: 1309-48-4	< 5%
Tetra Sodium Pyrophosphate	Na ₄ P ₂ O ₇	CAS: 72-8-5	<3%
Potassium Hexafluorotitanate	K ₂ TiF ₆ .H ₂ O	CAS: 16919-27-0	< 3%

Section IV First-Aid Measures

Eye Contact: Rinse eyes out immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation: Not Applicable

Skin Contact: Rinse with soap and water.

If swallowed: No critical risks or effects are known, seek medical attention if discomfort persists.

Personal Safety Measures

First Aid: No applicable

Potential acute health effects, both acute and delayed

Inhalation: The product contains no relevant dust particles, the dust is contained with paraffin oil

Ingestion: No critical risks or effects are known

Skin Contact: Non irritant

Contact with Eyes: Irritates eyes

Note to Medic: Not considered toxic to humans

Treatments

Specific: Non applicable

Section V Fire-Fighting Measures**Extinguishing Methods**

Suitable extinguishing methods: Use extinguishing method adequate to its surroundings

Non Suitable extinguishing methods: Unknown

Specific hazards during material handling: Unknown

Hazardous products by thermal decomposition: Unknown

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Special recommendations for fire fighters: None
Special protective equipment for fire fighters: Breathing apparatus

Additional information: None

Section VI Accidental Release Measure

Procedures

Avoid dust clouds formed by the powder

Avoid releasing into environment

Small spill: Collect dispose of properly

Large Spill: Collect material and place in disposal container, obey relevant local, state, provincial and federal laws and regulations.

See Material Safety Data Sheet section 8, Exposure Controls/Personal Protection.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Section VII Handling and Storage

The information outlined in this section contains generic advice and guidance. The list of uses identified in section 1 should be consulted for any information available on specific uses

Precautions for safe handling: Avoid dust formation

Safety measures

Store in a dry place.

Conditions for safe storage including possible incompatibilities: No special storage required

Section VIII Exposure Controls and Personal Protection

The information outlined in this section contains generic advice and guidance. The list of uses identified in section 1 should be consulted for any information available on specific uses

Exposure Limit Information

Respiratory Protection

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Eye protection see safety glasses (ANSI Z87.1 or approved equivalent).

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Hand protection general use gloves are recommended to protect the skin from dryness and irritation.

Appropriate Technical Control: Not applicable

Work/Hygiene Measures: Not Applicable

Hand Protection: Nitrile gloves are recommended

Environmental exposure controls: In an undiluted state or if un-neutralized do not allow product to reach ground water, water course or sewage system

Section IX Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance

Physical properties: Solid (powder)

Color: All Purpose: Blue

Odor: All Purpose: Cherry

pH: Not available

Density to 20°C: 1,01 g/cm³

Vapor density: Not determined

Evaporation rate: Not determined.

Solubility in / Miscibility: Soluble in water

Melting / freezing point: Not determined

Initial boiling point and boiling range: No data available

Relative density: Not determined

Solubility in water: Slightly soluble in cold water

Auto-ignition Temperature: No data available

Decomposition temperature: No data available

Viscosity: The test is not technically possible

Section X Stability and Reactivity

Reactivity: No additional information

Chemical Stability: Product is stable

Possibility of hazardous reactions: None

Conditions to avoid: None

Incompatible materials: No specific data

Hazardous Decomposition Products: None

Section XI Toxicological Information

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Information on toxic effects

Acute toxicity: Very low toxicity to humans or animals

Irritation/Corrosion: Based on available data, the classification criteria are not met

Sensitization: Based on available data, the classification criteria are met

Mutagenesis: Based on available data, the classification criteria are not met

Carcinogenicity: Based on available data, the classification criteria are met

Reproductive toxicity: Based on available data, the classification criteria are not met

Teratogenicity: Based on available data, the classification criteria are met

Potential acute health effects

Eye contact: Irritating to eyes

Inhalation: Based on available data, the classification criteria are met

Contact with skin: Non irritant

Ingestion: No known significant effects or critical known

Potential chronic health effects: No known significant effects or critical known.

Additional Information: No additional information available

Section XII Ecological Information

Toxic: No results available

Persistence and degradability: No data available

Bioaccumulation potential: No data available

Mobility in soil: Not available

Results of PBT and vPvB

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No known significant effects or critical known

Section XIII Disposal Considerations.

Methods for Waste Disposal

Methods of disposal: Collect and to transfer the material into a waste disposal container

Hazardous waste: Based on current knowledge provider does not consider this product as hazardous waste

Special precautions: Avoid breathing in dust particles

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Section XIV Transport Information

UN Number: Not regulated
 ADR, ADN, IMDG, IATA: Cancelled
 UN Shipping Name: Not regulated
 ADR, ADN, IMDG, IATA: Cancelled

Environmental hazards

Marine Contaminant: No
 Special precautions for user: None
 Transport additional information: Not specified as dangerous according to the above specifications
 "Model Regulation" UNECE
 Additional Information: Substance not hazardous

Section XV Regulatory Information

- Regulation and safety legislation, health and environment specific for substance or mixtures
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out

Section XVI Other Information

This document conveys information that is accurate to the best knowledge of the manufacturer, the data contained in this sheet is related only to the specific product designated herein.
 The manufacturer does not assume any legal responsibility for the independent use of this data or misuse of the product.