

Safety Data Sheet

msd Page 1 of 3

Material Name: Eco>Absorb® Standard Dust Free Formula

Section 1 – Chemical Product and Company Identification

Product Name: Eco>Absorb® Standard Dust Free

Distributor: 1st Aid Corporation

1325 Gateway Drive

Elgin, IL 60124

Emergency Phone: 800.255.3924

CAS#: 93763-70-3

Formulation: Amorphous sodium potassium aluminum silicate of various grades and other proprietary all-natural inert ingredients.

Chemical Name: Amorphous sodium potassium aluminum silicate

Hazard Labeling: None Required

Section 2 – Hazards Identification

Health Effects

Acute Health Effects: None

Absorption: Not Applicable

Eyes: Irritation and inflammation

Inhalation: Users sensitive to inert dust may experience coughing and/or irritation in upper respiratory system if heavy concentrations of airborne material are present.

Ingestion: Non-Toxic. May cause slight discomfort but is generally regarded as safe by the FDA.

Skin: Not Applicable

Target Organs: Lungs, Eyes

Primary Routes of Entry: Inhalation

Medical Conditions Aggravated by Exposure: Pre-existing upper respiratory diseases such as asthma, bronchitis, and emphysema.

Section 3 – Composition / Information on Ingredients

Section 4 – First Aid Measures

Eyes: Rinse thoroughly with clean water or eye wash solution. Avoid rubbing eyes.

Inhalation: Move to a well-ventilated area until coughing subsides and breathing returns to normal.

Ingestion: Not Applicable

Section 5 – Fire Fighting Measures

General Fire Hazard: Not a Fire Hazard

Flash Point: Non-flammable

Auto Ignition: Will Not Occur

Melting Point: >2000 °F (>1093 °C)

Fire Fighting Equipment/Instructions: None needed if product is unused. If used to absorb a flammable liquid refer to the MSDS sheet for the material absorbed.

Section 6 – Accidental Release Measures

Containment Procedures:

Spilled material will not spread. If accidental release occurs in a windy area, spray material with water to suppress dust. If released in the water, use skimming net to retrieve floating particulate.

Clean-Up Procedures:

Material is a non-hazard as defined by the Resource Conservation and Recovery Act (RCRA, 40 CFR §261). Absorption of hazardous materials may change disposal methods. Consult with local and federal regulations for the disposal of absorbed hazardous material. Consult with the absorbed material MSDS for more information.

Section 7 – Handling and Storage

Handling Procedures:

Maintain good housekeeping and remove material after absorption. Unused material can be reused. Avoid returning used material into containers with new material.

Storage Procedures:

Store in a dry low humidity location. Humidity and moisture could affect absorberency. Product has no known shelf life and will not dry out over time.

Section 8 – Exposure Controls/Personal Protection

Exposure Guidelines:

A. General Product Information

No specific protective measures are necessary. Under normal use the user should not be exposed to any hazardous substances or toxic material.

B. Component Exposure Limits

No Components Listed

Personal Protective Equipment:

Eyes: Safety Goggles usually not necessary

Respiratory: NIOSH approved dust mask may be used if needed or if user has a pre-existing respiratory condition.

Under normal conditions a dust mask is not required.

Skin: Not Applicable

Section 9 – Physical and Chemical Properties

Appearance: White of Gray Powder

Odor: None

Physical State: Solid Particulate

pH: Not Applicable

Vapor Pressure: ~0 mmHg

Vapor Density: Not Applicable

Boiling Point: Not Applicable

Melting Point: >2000 °F (>1093 °C)

Solubility (H₂O): <1%

Specific Gravity: ~0.1711

Freezing Point: Not Applicable

Evaporation Rate: Not Applicable

Volatile Percentage: Not Applicable

VOC: Not Applicable

Section 10 – Chemical Stability and Reactivity

Chemical Stability: Normally unreactive and highly stable

Conditions to Avoid: None with designated use

Hazardous Polymerization: Will Not Occur

Incompatibility: Hydrofluoric Acid

Hazardous Decomposition Products: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

Section 11 – Toxicological Information

Acute Toxicity

General Product Information: This product is not expected to cause any acute toxicological effects.

Component Analysis: **Acute Oral Dose:** 8,91 g/kg **Acute Inhalation L₅₀:** Unknown

Carcinogenicity:

General Product Information: The Occupational Safety and Health Administration (OSHA), National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), Centers for Disease Control and Prevention (CDC), and the American Conference of Governmental Industrial Hygienists (ACGIH) have classified amorphous aluminum silicate as a non-carcinogen, nuisance dust.

Carcinogenic Component: None.

Chronic Toxicity: No Chronic health effects are expected from the normal use of this product.

Section 12 – Ecological Information

Eco toxicity: This product is not harmful to the environment in anyway. Even after accidental discharge this product should pose no danger to local wildlife, human beings, or cause any type of contamination to soil, water or air.

Section 13 – Disposal Considerations

US EPA Waste Number and Descriptions

General Product Information: This product is not regulated as a Hazardous waste by the U.S. Environmental Protection

Agency (EPA) under the Resource Conservation and Recovery Act (RCRA).

Component Waste Numbers: Material has no components listed.

Disposal Instructions: If uncontaminated, landfill approved by RCRA 40 CFR §261. Material has passed Federal Toxicity

Characteristic Leaching Procedure (TCLP test) for the safe disposal of any absorbed non-hazardous material. (40 CFR §261.24)

After use to absorb any hazardous material consult the MSDS sheet of the absorbed material and dispose in accordance with local and federal regulations pertaining to the absorbed material.

Section 14 – Transportation Information

US DOT Information: Not Regulated for Transport

TDG Information: Not Regulated for Transport

Section 15 – Regulatory Information

US Federal Regulations: No information for the product as a whole. No components listed.

State Regulations: No information on this material or its component parts.

WHMIS Status: Non-Controlled

Section 16 – Other Information

None.

Disclaimer: The information herein is presented in good faith and is believed to be accurate as of the latest revision date of this document; however, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that any activity associated with this product complies with Federal, State and local laws and regulations.

