

**Material Name: Eco>Absorb® Universal Super Absorbent**

**Section 1 – Chemical Product and Company Identification**

**Product Name:** Eco>Absorb® Standard Dust Free

**Manufacturer:** Eco-Absorbent Technologies, Inc.  
1360 East Locust St.  
Ontario, CA 91761

**Emergency Phone:** 866-820-8050 **Fax:** 909-930-2178

**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**

**OSHA Classification:** Considered a Nuisance dust only

**Pictograms:** N/A

**Signal Word:** N/A

**Hazard Statement:** N/A

**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**

Sodium Potassium Aluminum Silicate >98% Cas#: 93763-70-3

Water < 2% Cas#: 7732-18-5

Quartz (Crystalline Silica) : None detected

**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 absorbency. 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 (H<sub>2</sub>O):** <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 LD<sub>50</sub>: 8.91 g/kg Acute Inhalation LC<sub>50</sub>: 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.

**Carcinogenetic 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

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**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.