

MATERIAL SAFETY DATA SHEET

(Adaptation of OSHA Form OMB No. 1218-0072)

SMELLEZE™ Solidifier & Deodorizer

Section I - Product Identification

Identity: SMELLEZE™ Solidifier & Deodorizer

Manufacturer's Name: IMTEK Environmental Corporation

Address: P.O. Box 2066, Alpharetta, GA 30023

Emergency Telephone Number: Chemtrec (24 hours) 1-800-424-9300

Telephone Number for Information: 770-667-8621

Date Prepared: 4-09-19

Section II - Composition/Information on ingredients

Superabsorbent Crosslinked Sodium Polymer

OSHA PEL: NE

ACGIH TLV: NE

Other Limits Recommended: Recommended inhalation exposure limit guideline is 0.05 mg/m³

Section III - Physical/Chemical Characteristics

Boiling Point: NE

Vapor pressure (mm Hg.): Less than 10

Vapor Density (AIR=1): NE

Solubility in Water: Insoluble

Appearance and Odor: White granular powder with no odor

Specific Gravity (H₂O=1): Bulk Density: 0.4-0.7

Melting Point: > 390°F

Evaporation Rate (Butyl Acetate=1): < 1

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): None

Flammable Limits: NE

Extinguishing Media: Water, CO₂, and dry chemical extinguishants

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Water based. Difficult to ignite unless directly involved in flame. Extremely slippery conditions are created if spilled and comes into contact with water

Section V - Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Strong Oxidizers

Hazardous Decomposition or Byproducts: Thermal Decomposition: CO, CO₂, Hydrocarbons, oxides of carbon and nitrogen. DO NOT breathe fumes or smoke.

Hazardous Polymerization: May Not Occur

Conditions to Avoid: None Known

Section VI - Health Hazard Data

Router(s) of Entry:

Inhalation? Yes

Skin? No

Ingestion? No

Health Hazards:

Acute (short term) inhalation of dust may cause mild irritation of upper respiratory tract (nose and throat) and lungs

Chronic (long term) inhalation exposure to rats for a lifetime (2 years) using the superabsorbent crosslinked polymer that had been micronized to a respirable particle size (less than 10 microns) produces non specific inflammation and chronic

lung injury at 0.2 mg/m³ and 0.8 mg/m³

At 0.8 mg/m³ tumors were seen in some animals. In the absence of chronic inflammation, tumors are NOT expected. There were NO adverse effects of any kind at 0.05 mg/m³

No effects in mutagenicity tests

Carcinogenicity:

NTP? No

IARC Monographs? No

OSHA Regulated? No

Signs and Symptoms of Exposure:

Possible reddening, drying of skin or eyes with itching, burning or other discomfort; irritation of nose and throat

Medical Conditions Generally Aggravated by Exposure:

May aggravate existing respiratory conditions; skin conditions (due to drying effect)

Emergency and First Aid Procedures:

Ingestion:

Drink copious amounts of water and consult physician.

Inhalation:

Remove to source of fresh air.

Eyes:

Flush with water and consult physician.

Skin:

Wash with soap and water.

Call a physician regarding any continued discomfort

Section VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Avoid contact with water. Product is extremely slippery when contacted with water. Protective shoes may be worn and product may be shoveled up and placed in container for disposal.

Waste Disposal Method:

Dispose of in accordance with all local, state, and federal regulations. Non-hazardous material waste material suitable for approved solid waste landfill.

Precautions to be Taken in Handling and Storage:

Handle as eye irritant. Do not get into eyes. Avoid prolonged or repeated skin contact. Do not inhale dust. Do not ingest.

Other Precautions:

Dusty conditions may irritate the eyes and respiratory system. Wear goggles and mask with high efficiency filter where dust is created.

Section VIII - Control Measures

Respiratory Protection (Specify Type): Wear respirator or mask with high efficiency filter for particulate levels above 0.05 mg/m³

Ventilation: Local exhaust to ensure airborne particulates are removed. Mechanical ventilation recommended.

Eye Protection: Safety glasses or goggles.

Protective Gloves: Impervious rubber.

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Use good housekeeping practices. Wash thoroughly after handling.

ABBREVIATIONS:

NA= Not Applicable; NH= Non Hazardous; NE=Not Established

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