

MATERIAL SAFETY DATA SHEET

IMTEK

MOISTURESORB™ MOISTURE ABSORBENT

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MoistureSorb™ Moisture Absorbent

PRODUCT USE: Desiccant. Moisture Absorbent Odor Control

SYNONYMS: Mineral

SUPPLIER: IMTEK Environmental Corporation

ADDRESS: PO BOX 2066, Alpharetta, GA USA

EMERGENCY PHONE (Medical/Roadside Assistance): 1-800-424-9300

OTHER CALLS: 1-770-667-8621

FAX: 1-770-667-8683

ISSUED: 4-09-19

VERSION: 6.0

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT</u> | <u>% WT</u> | <u>EXPOSURE TO DUST</u> |
|-------------------|-------------|---|
| Moisturesorb™ | 95-100 | OSHA PEL-TWA: 15 mg/m3 (Total) OSHA PEL TWA : 5 mg/m3 (Respirable) ACGIH TLV-TWA: 10 mg/m3 (Total) ACGIH TLV-TWA: 3 mg/m3 (Respirable) |

There are no established exposure levels for this product. The guidelines are for dust.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Avoid prolonged or repeated breathing of dust. Use powder with adequate ventilation. May contain trace free silica impurities below 0.1%.

ROUTES OF ENTRY: Inhalation

POTENTIAL HEALTH EFFECTS

EYES: No

SKIN: No

INGESTION: No

INHALATION: Yes

ACUTE HEALTH HAZARDS: Transient upper respiratory irritant when exposed to high levels of dust.

CHRONIC HEALTH HAZARDS: Exposure to very high levels of respirable dust over long periods in excess of Permissible Exposure Levels (PEL) may result in health problems. Chronic tobacco smoking may further increase the risk of developing chronic lung problems.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing upper respiratory irritation and lung disease when exposed to excessive dust levels in confined areas.

CARCINOGENICITY (excluding impurities)

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No

SECTION 4: FIRST AID MEASURES

EYES: Wash eyes with running water for 15 minutes. Obtain attention if irritation persists or develops later.

SKIN: Wash skin with mild soap and water. Contact physician if skin is irritated.

INGESTION: Do not induce vomiting. Have conscious person drink several glasses of water or milk. Seek medical attention as needed.

INHALATION: Remove to fresh air if there is extensive dust inhalation. Dust in throat and nasal passages should clear spontaneously; give oxygen or CPR if necessary. Seek medical attention for treatment, observation and support as needed.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME): Non-Flammable

FLASH POINT: Non-Flammable

AUTOIGNITION TEMPERATURE: None

NFPA HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0

HMIS HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0 **PROTECTION:** Z

EXTINGUISHING MEDIA: Medium- Will not burn

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product is neither a fire nor an explosion hazard. It may be used in place of sand to smother and put out Class A and Class B fires

HAZARDOUS DECOMPOSITION PRODUCTS: This product will dissolve in hydrofluoric acid and produce a corrosive gas, silicon tetrafluoride

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Spillage, where dust is generated, may expose cleanup personnel to respirable dust. Avoid dry sweeping. Wetting of material prior to sweeping is recommended to minimize the dust. If there is excessive dust during cleanup, approved respiratory equipment may be necessary.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Handle in a manner that prevents excessive dust generation. Protect containers from physical damage to avoid leakage and spillage. Store in a dry place. Maintain good housekeeping practices.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use good general ventilation and/or a local exhaust system to maintain the dust levels below the OSHA Permissible Exposure Limits (PEL) and ACGIH Threshold Limit Levels (TLV) for silica and dust.

VENTILATION : > 400 cfm

RESPIRATORY PROTECTION: Wear appropriate respirator if the ventilation is inadequate.

EYE PROTECTION: Wear safety glasses with side shields or goggles to prevent dust from entering the eyes.

SKIN PROTECTION: None should be needed.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Regular working clothes.

WORK HYGIENIC PRACTICES: Wash hands before eating

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pale white

ODOR: None

PHYSICAL STATE: Solid

pH AS SUPPLIED: N/A

BOILING POINT: None

MELTING POINT: Approximately 1050 °C

FREEZING POINT: None

VAPOR PRESSURE (mm): None

VAPOR DENSITY (AIR = 1): None

SPECIFIC GRAVITY (H₂O = 1): 1.5-1.7

EVAPORATION RATE BASIS (=1): None

SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: 100%

PERCENT VOLATILE: 0

VOLATILE ORGANIC COMPOUNDS (VOC): 0 LBS/GAL

VISCOSITY: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): Contact with powerful oxidizing agents such as fluorine, chlorine trifluoride, & oxygen difluoride may cause fire.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: This product will dissolve in hydrofluoric acid and produce a corrosive gas, silicon tetrafluoride.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

This product is federally classified as GRAS (generally regarded as safe) in most applications.

SECTION 12: ECOLOGICAL INFORMATION

This product is not known to be ecotoxic:

WATERFOWL TOXICITY: None

AQUATIC TOXICITY: None

FOOD CHAIN CONCENTRATION POTENTIAL: None expected.

BIOLOGICAL OXYGEN DEMAND: None

ATMOSPHERIC: Does NOT contain any ozone depleting substances

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: The material may be landfilled. However, it should be covered to minimize airborne dust

RCRA HAZARD CLASS: This product is NOT classified as a hazardous waste under the Resource Conservation and Recovery Act (RCRA), or its regulations 40 CFR 261 et seq.

SECTION 13 NOTES: The above only applies to materials as sold by IMTEK Environmental Corporation. The material may be contaminated during use, and it is the users responsibility to assess the proper disposal methods of the used material and to ensure that it complies with all local, state, federal and international regulations.

SECTION 14: TRANSPORT INFORMATION

This product is NOT a hazardous material for purposes of transportation under the U.S. Department of Transportation Table of Hazardous Materials, 49 CFR 172.101

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): NOT listed.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, & LIABILITY ACT): NOT classified as hazardous under CERCLA, 40 CFR 261 et seq.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NOT subjected to reporting requirements.

EMERGENCY PLANNING RIGHT TO KNOW ACT: NOT an extremely hazardous substance under Section 302. NOT a toxic chemical subject to requirements of section 313.

RCRA: NOT classified as a hazardous waste under Resource Conservation & Recovery Act, or its regulations under CFA, 40 CFR 261 et seq.

CLEAN AIR ACT: This product was NOT processed with or does not contain any Class 1 or Class 2 ozone depleting substances.

CLEAN WATER ACT: NO materials were found.

OSHA Carcinogen: NOT listed as OSHA carcinogen.

CANADIAN REGULATIONS: WHMIS classification-D-2A

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Reviewed on 11-26-2015, 4-09-19

DISCLAIMER:

The information contained herein is believed to be accurate to the best of our knowledge but does not purport to be all inclusive and shall only be used as a guide. IMTEK cannot give any guarantees, and expressly does not make any warranties, nor assumes any liability for its use. The final determination of the suitability of this product is the sole responsibility of the user.