



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: STARDUST Super Absorbent™
PRODUCT FORM: Inert, inorganic powder
PRODUCT DESCRIPTION: Universal granular absorbent

SUPPLIER NAME AND ADDRESS:

Paradigm International, Inc.
45 Mirador
Irvine, CA 92162
USA

SUPPLIER EMAIL: info@stardustspillproducts.com
SUPPLIER PHONE NUMBER: 714-550-4999h
EMERGENCY TELEPHONE NUMBER: 714-550-4999

SECTION 2: HAZARD(S) IDENTIFICATION

This product is not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

HAZARD STATEMENTS: None

PRECAUTIONARY STATEMENTS: None

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): None

OTHER INFORMATION: None

HAZARD SYMBOS(S)/PICTOGRAM(S): None required

Interactions with Other Chemicals: Hazardous decomposition: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	GHS Classification
Amorphous Alumina Silicate	93763-70-3	60 - 100	Not Classified

(SECTION 4 BEGINS ON THE NEXT PAGE)

SECTION 4: FIRST AID MEASURES

EYE CONTACT:

Flush eyes gently with water for 15 minutes or until material is gone. Seek medical attention if accompanied by pain or irritation.

SKIN CONTACT: Skin irritation is unlikely. If it occurs, rinse affected area with soap and water. Seek medical attention if irritation persists.

INHALATION: Respiratory irritation is unlikely. If it occurs, remove to fresh air. Seek medical attention if irritation persists.

INGESTION: Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention if stomach upset occurs, or if used material is ingested, or if a large amount of unused material is swallowed.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA: CAUTION: Use of water spray when fighting fire may be inefficient.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Hazardous decomposition: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Refer to protective measures in Sections 7 and 8

ENVIRONMENTAL PRECAUTIONS: Material is not harmful to the environment. Refer to protective measures listed in Sections 7 and 8.

METHODS AND MATERIALS FOR CONTAINMENT: Sweep or vacuum up material. If product is dry and dusty, spray with water mist to suppress dust.

METHODS FOR CLEAN UP: Sweep or vacuum up material. Dispose in compliance with applicable governmental regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING AND STORAGE Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. Avoid contact with eyes.

INCOMPATIBLE MATERIALS: Hydrofluoric Acid. Material reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

(SECTION 8 BEGINS ON THE NEXT PAGE)

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Amorphous Alumina Silicate Perlite CAS No. 93763-70-3	No established limit	(vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Carcinogen Data

Chemical Name	Source	Value
Amorphous Alumina Silicate Perlite CAS No. 93763-70-3	OSHA	Select Carcinogen: No
	NTP	Known: No; Suspected: No
	IARC	Group 1:No; Group 2a:No; Group 2b:No; Group 3:No; Group 4:No

OTHER EXPOSURE GUIDELINES : The exposure limits for nuisance dust are: OSHA PEL: 15mg/m³ TWA, ACGIH 10mg/m³.

ENGINEERING PROTECTION: Eyewash stations, ventilation systems, showers

EYE PROTECTION: No special protective equipment required.

SKIN CONTACT: No special protective equipment required.

RESPIRATORY PROTECTION: None for general use. Use in areas that are well ventilated. If to be used for a prolonged period in a confined area, use NIOSH/MSHA approved respiratory protection.

GENERAL HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & PHYSICAL STATE: Dry white odorless powder.

SPECIFIC GRAVITY: (H₂O=1): 0.08 – 0.20

DENSITY: 16.8 lbs/ft³

VOC: NA

pH: 6.5 – 7.5

BOILING POINT/BOILING RANGE: NA

RELATIVE VAPOR DENSITY (air = 1): NA

VAPOR PRESSURE: NA

PERCENT SOLIDS BY WEIGHT: 100%

RELATIVE EVAPORATION RATE (Butyl Acetate = 1): NA

SOLUBILITY IN WATER: Not soluble.

MOLECULAR WEIGHT: NA

VISCOSITY: NA

OIL/WATER PARTITION COEFFICIENT: NA

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable. Hazardous polymerization will not occur

CHEMICAL STABILITY: Hazardous reactions will not occur under normal conditions

POSSIBILITY OF HAZARDOUS REACTIONS: None known

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Hydrofluoric Acid. Material reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

HAZARDOUS DECOMPOSITION PRODUCTS: Material reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

SECTION 11: TOXICOLOGICAL INFORMATION

ACCUTE TOXICITY: Product is non-toxic
INHALATION: Inhalation of the product may cause irritation to the nose, throat, and respiratory tract
SKIN CORROSION/IRRITATION: No know hazard
EYE DAMAGE/IRRITATION: Eye contact may cause abrasive irritation to eyes
GERM CELL MUTAGENICITY: Product does not classify under this category
CARCINOGENICITY: Product in not carcinogenic and does not classify under this category
REPRODUCTION TOXICITY: Product does not classify under this category
STOT-SINGLE EXPOSURE: Product does not classify under this category
STOT-REPEATED EXPOSURE: Product does not classify under this category
ASPIRATION HAZARD: Product does not classify under this category

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: None know
AQUATIC TOXICITY: None known
TERRESTRIAL: No data available
PERSISTENCE AND DEGRADABILITY: Material is non-biodegradable
BIOACCUMULATIVE POTENTIAL: No data available
MOBILITY IN SOIL: No data available
OTHER ADVERSE EFFECTS: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal must be done in accordance with local, state and federal regulations for the chemicals adsorbed by product. Take the precautionary disposal measures governing the absorbed substance itself. Always refer to the SDS for the chemical absorbed before proceeding

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated
TDG: Not regulated
ICAO: Not regulated
IATA: Not regulated
IMDG/IMO: Not regulated
ADR/RID: Not regulated

SECTION 15: REGULATORY INFORMATION

TSCA: Not regulated
DSL/NDSL: Not regulated
CERCLA: This product is not subject to reporting
OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200: Not listed

SARA TITLE III:
SECTIONS 311/312: Not applicable
SECTIONS 313: Not applicable
SECTIONS 302: Not applicable
CAA (CLEAN AIR ACT): Not applicable

CWA (CLEAN WATER ACT): Not applicable
CALIFORNIA PROPOSITION 65: Not applicable
STATE RIGHT TO KNOW LISTS: Not applicable
WHMIS: Not applicable

SECTION 16: OTHER INFORMATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

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Prepared By: Paradigm International, Inc