

INVERCLYDE BIOLOGICALS

Tel: 01698 749368 Fax: 01698 740521

Emergency Contact: Luxsa
Tony Lynch
Tel 07952 257122

Material Safety Data Sheet

MSDS for SUBSTANCE **STARDUST SUPER ABSORBENT™**

COMPOSITION AND INFORMATION ON INGREDIENTS:

Chemical Characterisation: Amorphous Alumina Silicate
CAS No : 93763-70-3
HAZARDOUS INGREDIENTS: None

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HAZARD IDENTIFICATION:

Physical/Chemical Hazards: N/A
Environmental Hazards : No environmental hazards known.
Human Health Hazards: Possibility of some irritation to eyes and respiratory system.

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FIRST AID MEASURES:

Eyes: For eye contact, immediately flush eyes with running water for at least 15 minutes.

Inhalation: Remove victim to fresh air. If not breathing, clean airway and start artificial respiration, (mount to mouth, bag mask respirator). If having trouble breathing, give supplemental oxygen. Obtain medical attention.

Skin: Wash affected area with plenty of water and soap if available for several minutes. Remove and clean contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

Ingestion: Wash out mouth with water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain medical attention.

Other First Aid Information: N/A
Notes to a Physician: N/A

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FIRE FIGHTING MEASURES:

Extinguishing Media: None required if product unused. If used to collect flammable liquid, then consult MSDS(s) of flammable liquid.

Unsuitable Extinguishing Media: N/A

Unusual Fire Fighting Hazards: None if product unused. If used to collect flammable liquids, then consult MSDS(s) of flammable liquid.

Special Fire Fighting Procedures: Cool fire-exposed containers with water spray. Fire fighters should wear self-contained breathing apparatus, impervious clothing, rubber boots & rubber gloves when dealing with flammable liquid.

Other recommendations: N/A
Combustion Products: N/A

ACCIDENTAL RELEASE MEASURES:

Personal Precautions:	Avoid eye, skin and mouth contact.
Precautions to protect the environment:	Prevent dispersion; do not allow large quantities to enter drains or other bodies of water.
Cleanup Procedures:	Sweep up with broom. Dispose of as with any inert, non-carcinogenic solid waste

HANDLING AND STORAGE:

Handling and Storage:	Prevent dispersion, avoid eye and mouth contact
Storage:	Keep in suitable containers in clean, cool dry areas, under cover. Avoid emptying bags in windy areas.
Unsuitable Packaging Material:	N/A
Incompatibilities (Materials to Avoid):	<u>HYDROFLUORIC ACID</u>
Other Information:	None known

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls:	Refer section 7
Exposure Controls for Hazardous Components:	N/A

Personal Protective Equipment

Respirator	That which is suitable for inert, non-carcinogenic dusts.
Hand:	None needed
Eye:	Goggles recommended for extended use in non-ventilated areas.
Skin:	None needed.
Industrial Hygiene	Wash after handling, especially before eating, drinking or smoking.

PHYSICAL AND CHEMICALS PROPERTIES

Appearance:	Dry, white powder.
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Safety Related Information

PH:	N/A
Odour:	None
Boiling Point/Boiling Range	N/A
Melting Point/Melting Range	N/A
Flash Point	N/A
Flammability	N/A
Auto flammability	N/A
Explosive Properties	N/A
Oxidising Properties	None
Vapour Pressure (mm HG):	Solid
Specific Gravity (H ₂ O=1)	.08-.20
Solubility in Water	Insoluble
Solubility in Fat	N/A
Oil/Water partition coefficient	N/A

Other data

Vapour Density (Air=1)	Solid
Evaporation rate (ethyl ether=1)	N/A
Viscosity	N/A
Molecular Weight	N/A

STABILITY AND REACTIVITY

Stability Stable

Reactivity

Conditions to avoid None
Materials to avoid **HYDROFLUORIC ACID**
Hazardous decomposition products None

TOXICOLOGICAL INFORMATION**Possible Health Effects**

Skin Possible Irritant
Eyes Possible Irritant
Inhalation Persons sensitive to inert dust may experience discomfort when exposed to heavy concentrations of airborne material.

Other Health Hazard Information

Acute Toxicity No toxicological information is known.

ECOLOGICAL IMPACT**Elimination**

Persistence Not known
Degradability Not known

Behaviour in the Aquatic Compartment

Mobility Not known
Bioaccumulation Not known

Ecotoxicity

Aquatic Not known

WASTE DISPOSAL

Product Disposal Dispose of in accordance with local and National regulations.
Packaging Disposal Dispose of in accordance with local and National regulations.

TRANSPORT INFORMATION

The product has not been classified as follows:-

UN Number N/A
Land Road/Rails ADR/RID
Inland Waterway ADNR
Sea IMDG
Air IATA
National Transport Regulations None Known

REGULATORY INFORMATION

EEC Supply Classifications

& Labelling (67/548/EEC)
Label Name STARDUST Super Absorbent™
Hazard Symbol None
Risk Phrase R36/37 Irritating to eyes and respiratory system
S25 Avoid contact with eyes.
National Legislation No National regulations are known
Other Regulations
Exposure Limits ACGIH-TLV-TWA 10mg/M3
OSHA PEL-TWA 15mg/M3 Total Particulate 5mg/M# Respirable fraction.

OTHER INFORMATION

This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548, and 88/379/EEC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations. All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state scientific and technical knowledge at the date indicated on the present MSDS. Luxsa Lighting Ltd. shall not be held responsible for any defect in the product covered by this MSDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

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If further information is required please contact INVERCLYDE *Biologicals*, Bellshill, Scotland.
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