

## SERENITY HYGIENE SPILL ABSORB

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

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#### **1.1. Product identifier**

Product name: SERENITY HYGIENE SPILL ABSORB

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Absorbent granules used to soak up liquid spills.

#### **1.3. Details of the supplier of the safety data sheet**

Company: SERENITY HYGIENE LTD  
6-12 Royal Cres Rd, Southampton SO14 3FS  
Telephone: +44 (0) 330 043 1029  
Email: info@serenityhygiene.com

#### **1.4. Emergency telephone number**

Emergency telephone: In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

### **SECTION 2: Hazards identification**

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#### **2.1. Appearance, Physical/Chemical Hazards, Environmental Hazards:**

Appearance: Dry white odorless powder  
Physical/Chemical Hazards: None Known  
Environmental Hazards: None Known

#### **2.2. Primary Routes of Entry:**

Skin contact, eyes, inhalation, accidental ingestion.

#### **2.2.1 Effects of Overexposure:**

Skin: May cause dryness.  
Eyes: As with any inert nuisance dust, may cause irritation, tearing, redness, swelling.  
Inhalation: May cause irritation to the respiratory tract, coughing, sneezing.  
Ingestion: May cause irritation to the gastrointestinal tract.

#### **2.3. Medical Conditions Aggravated by Exposure:**

Persons sensitive to inert dust may experience discomfort when exposed to heavy concentrations of airborne material.

Note: While there are no known acute or chronic health hazards, both OSHA and NIOSH share the position that an exposure limit is appropriate for the respirable fraction of any airborne particulate in the workplace.

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### SECTION 3: Composition/information on ingredients

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#### 3.2. Mixtures

Component	Ingredients Listing	Concentration
Amorphous Alumina Silicate CAS number: 93763-70-3	Amorphous Alumina Silicate / perlite.	100%

### SECTION 4: First aid measures

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#### 4.1. In the event of overexposure:

Inhalation:	Remove to fresh air. Drink water to clear throat. Blow nose to evacuate dust. 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.
Skin contact:	N/A
Eye contact:	Immediately flush eyes gently with running water for 15 minutes or until material is gone. After 5 minutes remove contact lens, if present, and then continue washing. Seek medical attention if irritation persists.
Other First Aid Information:	N/A
Known Antidotes:	N/A
Notes to Physicians:	N/A
Advice for Protection of First Aid Providers:	Observe general precautions noted above.

### SECTION 5: Firefighting measures

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#### 5.1. Extinguishing media

Flash Point & Method:	Fusion Point 1280-13500°C. Non-Combustible
Suitable extinguishing media:	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media:	None known.

### SECTION 6: Accidental release measures

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#### 6.1. Spill or Leak Procedures:

Sweep or vacuum and dispose as for any inert solid waste. Return to container if reusable.

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### **6.2. Expected Environmental Impact**

None known. As a precaution, dilute spill residue with plenty of water.

### **6.4. Secondary Hazards**

Do not allow material to come in contact with hydrofluoric acid.

## **SECTION 7: Handling and storage**

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### **7.1. Storage Precautions**

Store in a dry environment.

#### **7.1.1 Incompatible Products**

Hydrofluoric Acid

### **7.3. Special Handling Precautions**

N/A

## **SECTION 8: Exposure Controls/personal protection**

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### **8.1. Occupational Exposure Limits**

LTEL: 10mg / M3 (inh), 1 mg / M3(resp). 8hr TWA. (inh = inhalable dust. Resp = respirable dust)

### **8.2 Personal Protective Equipment**

Respiratory:	None required. For extended use in non-ventilated areas, use up to BS4275 rated dust mask but nuisance dust mask is generally acceptable on normal non-hazardous use.
Hands	None required.
Eyes	None required. Goggles recommended for extended use in nonventilated areas to limit possible excessive exposure of eyes to airborne dust particles.
Skin	None required.

### **8.3 Industrial hygiene:**

Wash hands after handling.

## **SECTION 9: Physical and Chemical Properties**

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### **9.1. Information on basic physical and chemical properties**

Appearance:	Dry powder.
Colour:	White
Odour:	Odourless.
Specific Gravity: (H2O=1):	0.08 – 0.20
Density:	16.8 lbs/ft <sup>3</sup>
VOC:	N/A

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pH: 6.5 – 7.5  
Percent Solids by Weight: 100%  
Other data: Oil/Water partition coefficient: N/A

### **SECTION 10: Stability and reactivity**

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#### **10.1. Chemical stability**

Stability: Stable.

#### **10.2. Hazardous Material Releases That May Occur**

N/A

#### **10.3. Conditions That Might Result in a Hazardous Situation**

N/A

#### **10.4. Incompatible Materials That Could Produce a Hazardous Situation**

Hydrofluoric Acid

#### **10.5 Hazardous Decomposition Products:**

N/A

#### **10.6. Hazardous Polymerization**

Will not occur

### **SECTION 11: Toxicological information**

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#### **11.1. Possible Health Effects**

None known.

#### **11.2. Carcinogenicity**

Not carcinogenic.

### **SECTION 12: Ecological Information**

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#### **12.1. Possible Environmental Effects:**

General Information: Material is chemically inert in the environment.  
Soil Mobility: NA  
Aquatic Mobility: Not soluble  
Persistence: NA  
Degradability: Not biodegradable  
Bioaccumulation: None  
Ecotoxicity: None

## SERENITY HYGIENE SPILL ABSORB

### SECTION 13: Waste Disposal

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#### 13.1. Product Disposal

Method of disposal is to landfill. However, for material that has been used to absorb a given substance, dispose in accordance with local regulations for the substance absorbed.

#### 13.1. Packaging Disposal

Dispose in accordance with local regulations.

### SECTION 14: Transport information

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#### 14.1. DOT Information

Material is non-hazardous for transport.  
No special labeling or placard placement is required.

#### 14.2. Additional transportation restrictions:

None

#### 14.3. Precautionary Transport Measures and/or Conditions:

None

### SECTION 15: Regulatory information

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Legislation:	UK Health & Safety at Work Act 1974 UK Environmental Protection Act 1990 HSE Guidance Note EH26 HSE Guidance Note EH40 UK Control of Substances Hazardous to Health Regulations 1988 ILO data sheet ICSC 1141 Construction Industry Advisory Committee Hazard Information Sheet One
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### SECTION 16: Other information

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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. The supplying company 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. Nor shall the supplying company be liable for any misuse of Spill Absorb outside of its intended use. The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.