



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

**1.1. Product identifier**

Product name : Soil<sub>2</sub>O Granular

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

Use of the substance/mixture : Long-term soil amendment

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

GelTech Solutions  
1460 Park Lane S, Suite 1  
Jupiter, FL 33458

**1.4. Emergency telephone number**

T 561-427-6144 - F 561-427-6182

Toll Free: 1-800-924-4874

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (GHS-US)**

Not classified

**2.2. Label elements**

**GHS-US labeling**

No labeling applicable

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS-US)**

No data available

**SECTION 3: Composition/information on ingredients**

**3.1. Substance**

Not applicable

**3.2. Mixture**

Name	Product identifier	Classification (GHS-US)
Cross-linked Superabsorbent Polymer	(CAS No) Trade Secret	Not classified

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

First-aid measures after inhalation : None needed

First-aid measures after skin contact : None needed

First-aid measures after eye contact : Flush with plenty of water, also under the eyelids. Seek medical advice if irritation develops or persists.

First-aid measures after ingestion : Immediate first aid is not likely to be required. Seek medical advice or attention in the event of any adverse symptoms.

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries after inhalation : None under normal handling conditions.

Symptoms/injuries after skin contact : May cause mild irritation.

Symptoms/injuries after eye contact : May cause eye irritation with susceptible persons.

Symptoms/injuries after ingestion : May be harmful if swallowed; as in any instance of non-food consumption, seek medical attention in the event of any adverse symptoms.

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### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

suitable extinguishing media : Water. Water spray. Foam. Carbon dioxide (CO<sub>2</sub>). Dry powder.  
Unsuitable extinguishing media : None.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.  
Explosion hazard : None known.

### 5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk. Use caution after contact of product with water as slippery conditions may result.  
Methods for cleaning up : Clean up promptly by sweeping or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep in a dry place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.  
Hand protection : Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.  
Eye protection : Safety glasses.  
Skin and body protection : Wear suitable working clothes.  
Respiratory protection : If working in a well-ventilated area, none required. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

## SECTION 9: Physical and chemical properties

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

Physical state : Granular solid  
Color : Off-white to light brown

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Odor	: Slight
Odor threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Bulk density (approx.)	: 0.65-0.75
Solubility	: Insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

Will not occur.

### 10.4. Conditions to avoid

None

### 10.5. Incompatible materials

Oxidizing agents may cause exothermic reactions.

### 10.6. Hazardous decomposition products

Thermal decomposition may produce: Carbon oxides (COx). Nitrogen oxides (NOx). Hydrogen cyanide (hydrocyanic acid)

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified Oral: LD50 / oral / rat > 5000 mg/kg Dermal: Not Toxic
Skin corrosion/irritation	: Not irritating
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not sensitizing
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Aquatic toxicity is unlikely due to low solubility.

#### 12.2. Persistence and degradability

Not readily biodegradable

#### 12.3. Bioaccumulative potential

Does not bioaccumulate

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No known ecological damage caused by this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

### SECTION 14: Transport information

In accordance with DOT

Not a dangerous good as defined in transport regulations

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available

#### 15.2. US State regulations

No additional information available

### SECTION 16: Other information

No additional information available

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*