



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

**1.1. Product identifier**

Product name : Soil2O Topical

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

Use of the substance/mixture : Agriculture Soil Amendment

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

GelTech Solutions  
1460 Park Lane S, Suite 1  
Jupiter, FL 33458  
T 561-427-6144 - F 561-427-6182

**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)**

Eye Irrit. 2B H320

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms (GHS-US) : None

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H320 - Causes eye irritation

Precautionary statements (GHS-US) : P264 - Wash thoroughly after handling  
P305 + P351 + P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + P313 - If eye irritation persists: Get medical advice/attention

**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)
Polyacrylate Polymer	(CAS No) Trade Secret	Eye Irrit. 2B, H320
Water	(CAS No) 7732-18-5	Not classified

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

First-aid measures after inhalation : Remove to fresh air and remove material from affected areas. Seek medical advice or attention in the event of any adverse symptoms or irritation.

First-aid measures after skin contact : Wash with water. Seek medical advice if skin irritation develops or persists.

First-aid measures after eye contact : Flush with plenty of water for at least 15 minutes. 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.

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

Symptoms/injuries after inhalation	: Exposure to respirable dust may cause respiratory tract and lung irritation and may aggravate existing respiratory conditions.
Symptoms/injuries after skin contact	: Exposure to the dust, such as in manufacturing, may aggravate existing skin conditions due to drying effect.
Symptoms/injuries after eye contact	: Dust may cause burning, drying, itching and other discomfort, resulting in reddening of the eyes.
Symptoms/injuries after ingestion	: Although not a likely route of entry, tests have shown that polyacrylate absorbents are non-toxic if ingested. However, as in any instance of non-food consumption, seek medical attention in the event of any adverse symptoms.

### 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 (CO2). 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.
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## 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

None.

### 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	: Sweep or vacuum material when possible and shovel into a waste container. Dispose of waste in accordance with local, state and federal regulations.

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

Storage conditions	: Store in a dry, closed container.
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### 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.

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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	: Solid
Appearance	: Powder
Color	: White
Odor	: None
Odor threshold	: No data available
pH	: 5.5 - 6.5 (1% in water)
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: < 1
Melting point	: 390 °F
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	: < 10 mm Hg
Relative vapor density at 20 °C	: No data available
Specific gravity	: 0.4 - 0.7 g/ml
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

None

#### 10.6. Hazardous decomposition products

None known

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Polyacrylate Polymer had no effect in mutagenicity tests.
Carcinogenicity	: Not classified
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

No negative or toxic effects on the environment are anticipated when released in dilution for terrestrial and aquatic ecosystems; based on government testing. Composted polyacrylate polymers are nontoxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

#### 12.2. Persistence and degradability

Decomposes over time or in the presence of natural sunlight when applied to terrestrial substrate or vegetation. Polyacrylate polymers are relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of polyacrylic polymers will not affect the performance of wastewater treatment systems.

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

Polyacrylate polymers are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability.

#### 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	: In concentrate form, this product is a non-hazardous waste material suitable for approved solid waste landfills. Diluted product is non-soluble and can be disposed of in suitable effluent treatment plants. Dispose of contents/container in accordance with local/regional/national/international regulations.
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### 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

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### SECTION 16: Other information

Full text of H-phrases:

Eye Irrit. 2B	Eye damage/eye irritation Category 2B
H320	Causes eye irritation

*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*