



## Material Safety Data Sheet

# Super Gel 15

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

### 1. Product and Company Identification

<b>Material name</b>	Super Gel 15
<b>Patent Number</b>	Not available
<b>Revision date</b>	March-25-2009
<b>Version No.</b>	6
<b>CAS #</b>	Mixture
<b>Product use</b>	Water Gelling Agent
<b>Manufacturer information</b>	Clearwater™ International L.L.C. 100 Leetsdale Industrial Drive Leetsdale, PA 15056 US CHEMTREC 1-800-424-9300/703-527-3887
<b>Emergency</b>	CHEMTREC 1-800-424-9300/703-527-3887
<b>Supplier information</b>	Superior Well Services 112 Holley Ave. Bradford, PA 16701 US

### 2. Hazards Identification

<b>Emergency overview</b>	Health injuries are not known or expected under normal use. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>OSHA regulatory status</b>	This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
<b>Potential health effects</b>	
<b>Eyes</b>	Dust of this product may be irritating and can cause tearing, reddening and swelling. Do not get this material in contact with eyes.
<b>Skin</b>	Not expected to be a skin irritant. Do not get this material in contact with skin.
<b>Inhalation</b>	Health injuries are not known or expected under normal use. In some individuals may cause respiratory allergic response. May be irritating to mucous membranes and lung tissue.  Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Ingestion</b>	Do not ingest. May be irritating to mouth, throat, and stomach. Health injuries are not known or expected under normal use.
<b>Potential environmental effects</b>	Ecological injuries are not known or expected under normal use.

### 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.



#### 4. First Aid Measures

##### First aid procedures

**Eye contact**

Rinse with water. Get medical attention if irritation develops or persists.

**Skin contact**

Remove and isolate contaminated clothing and shoes. Wash off with soap and water. Wash clothing separately before reuse. Get medical attention if irritation develops or persists.

**Inhalation**

Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Call a physician if symptoms develop or persist.

**Ingestion**

If swallowed, seek medical advice immediately and show this container or label. Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If ingestion of a large amount does occur, seek medical attention.

##### Notes to physician

Symptoms may be delayed.

##### General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire Fighting Measures

**Flammable properties**

Not a fire hazard. The product is not flammable.

**Extinguishing media**

**Suitable extinguishing media**

Dry chemical, CO<sub>2</sub>, water spray or regular foam.

**Protection of firefighters**

**Protective equipment and precautions for firefighters**

Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out.

#### 6. Accidental Release Measures

**Personal precautions**

Local authorities should be advised if significant spillages cannot be contained. Keep unnecessary personnel away.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so.

**Methods for containment**

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

**Methods for cleaning up**

Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. After removal flush contaminated area thoroughly with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

Never return spills in original containers for re-use.



## 7. Handling and Storage

<b>Handling</b>	Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wear self-contained breathing apparatus and protective suit. Do not get this material in contact with eyes. Do not get this material in contact with skin. Handle and open container with care. Wash thoroughly after handling.
<b>Storage</b>	Store in cool place. Store in a closed container away from incompatible materials. Keep the container dry. Use care in handling/storage. Keep out of the reach of children. Store in accordance with local/regional/national/international regulation.

## 8. Exposure Controls / Personal Protection

<b>Engineering controls</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal protective equipment</b>	
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Off white powder.
<b>Color</b>	Yellowish.
<b>Odor</b>	Bean like.
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Liquid.
<b>Form</b>	Solid
<b>pH</b>	Not applicable
<b>Melting point</b>	Not applicable
<b>Freezing point</b>	Not applicable
<b>Boiling point</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Flammability</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Specific gravity</b>	Not applicable
<b>Relative density</b>	Not applicable
<b>Solubility (water)</b>	Forms gel
<b>Partition coefficient (n-octanol/water)</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not applicable
<b>VOC</b>	Not applicable



<b>Softening point</b>	Not applicable
<b>Pour point</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Bulk density</b>	Not applicable
<b>Percent volatile</b>	Not applicable
<b>Molecular weight</b>	Not applicable
<b>Molecular formula</b>	Not applicable

### 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable at normal conditions.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	Oxides of carbon.

### 11. Toxicological Information

<b>Acute effects</b>	Acute LD50: 6770 mg/kg estimated, Rat, Oral
<b>Sensitization</b>	Not expected to be hazardous by OSHA criteria.
<b>Chronic effects</b>	Not expected to be hazardous by OSHA criteria.
<b>Carcinogenicity</b>	Not expected to be hazardous by OSHA criteria.
<b>Neurological effects</b>	Not expected to be hazardous by OSHA criteria.
<b>Further information</b>	This product has no known adverse effect on human health.

### 12. Ecological Information

<b>Ecotoxicity</b>	This product has no known eco-toxicological effects.
--------------------	------------------------------------------------------

### 13. Disposal Considerations

<b>Disposal instructions</b>	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### 14. Transport Information

<b>Department of Transportation (DOT) Requirements</b>	Not regulated as hazardous goods.
<b>Department of Transportation (DOT) Requirements Bulk</b>	Not regulated as hazardous goods.
<b>Department of Transportation (DOT) Requirements</b>	Not regulated as dangerous goods.
<b>Canadian Transportation of Dangerous Goods (TDG) Requirements</b>	Not regulated as hazardous goods.
<b>Canadian Transportation of Dangerous Goods (TDG) Requirements</b>	Not regulated as dangerous goods.



**IMDG**

Not regulated as hazardous goods.

**IMDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as hazardous goods.

**IATA**

Not regulated as dangerous goods.

**15. Regulatory Information**

**US federal regulations**

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** No

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**  
 Immediate Hazard - No  
 Delayed Hazard - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**16. Other Information**

**HMIS® ratings**

Health: 1  
 Flammability: 0  
 Physical hazard: 0



---

**NFPA ratings**

Health: 1  
Flammability: 0  
Instability: 0

**Prepared by**

Naser S. Hussaini  
515 Post Oak Blvd  
+1-713-693-7706

**Issue date**

March-25-2009

**MSDS sections updated**

Product and Company Identification: Product and Company Identification  
Fire Fighting Measures: Fire & Explosion Properties  
Physical & Chemical Properties: Physical & Chemical Properties  
Physical & Chemical Properties: Form  
Transport Information: Agency Name and Packaging Type/Transport Mode Selection