

## SECTION 1: Identification

**Product form:** Dry Powder

**Substance name:** Polysaccharide Complex

**CAS No.:** None-Mixture

**Synonyms:** None

**Intended Use Of The Product:** Lost Circulation Material

Turbo-Chem International, INC.

P.O. Box 60383

Lafayette, LA 70596

1.337.235.3098

**Emergency number** : (Chemtrec) 1.800.424.9300

## SECTION 2: Hazards identification

### GHS-US classification

Eye Irrit. H320

Resp Irrit. H335

Skin Irrit. H316



GHS07

**Signal word (GHS-US)**

: Warning

**Hazard statements (GHS-US)**

H320 - May cause eye irritation

H335 - May cause respiratory irritation

H316 - May cause mild skin irritation

**Precautionary statements (GHS-US)**

P281 - Use personal protective equipment as required.

P285 - In case of inadequate ventilation, wear respiratory protection.

P301+P321+P331 - If ingested: Drink large amounts of water. Do not induce vomiting

P304+P341+P314 - If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult.

P302+P352 - If on skin: Wash with soap and water.

P306+P362 - If on clothing: Take off contaminated clothing and launder before reuse.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - Continue rinsing

P501 - Dispose of contents/container according to local, regional, national, and international regulations.

### SECTION 3: Composition/information on ingredients

Control as a ACGIH particulate

Name	EC	CAS	ECHA	%
Chitosan	618-480-0	9012-76-4	17-2120070196-57-0000	15-65%
Acrylamide Copolymer	NA	31212-13-2	NA	10-75%

### SECTION 4: First aid measures

**First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

**First-aid measures after inhalation:** When symptoms occur: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell. **First-aid measures after skin contact:** Wash with soap and water.

**First-aid measures after eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**First-aid measures after ingestion:** Drink large amounts of water. Do not induce vomiting.

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

**Symptoms/injuries:** May cause eye, skin and respiratory tract irritation/damage.

**Symptoms/injuries after inhalation:** May cause irritation of the nasal and respiratory passages.

**Symptoms/injuries after eye contact:** Dust may cause irritation .

**Symptoms/injuries after ingestion:** Not known.

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

If medical advice is needed, have product container or label at hand.

### SECTION 5: Firefighting measures

#### Extinguishing media

**Suitable extinguishing media:** Dry chemical powder, appropriate foam, carbon dioxide.

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

**Fire hazard:** None known. Avoid dusty conditions

**Hazardous Combustion / Decomposition Products:** Oxides of carbon, nitrogen

#### Advice for firefighters

**Firefighting instructions / Special Firefighting Equipment:** Wear self contained breathing apparatus.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General measures:** Avoid creating dust.

#### For non-emergency personnel

**Protective equipment:** Use appropriate personal protection equipment (PPE).

### Environmental precautions

Prevent entry to sewers and public waters.

### Methods and material for containment and cleaning up:

**Methods for cleaning up:** Vacuum or scoop up

### Reference to other sections

See heading 13 for disposal information.

## SECTION 7: Handling and storage

**Precautions for safe handling:** Avoid prolonged contact with skin. Do not get in eyes. Avoid breathing dust. Launder contaminated clothing thoroughly before use.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Storage conditions:** Store in a dry location.

**Incompatible products:** Strong oxidizers.

**Incompatible materials:** Hazardous polymerization will not occur.

## SECTION 8: Exposure controls/personal protection

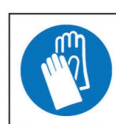
### Control parameters

SwellCM	
	None established.

### Exposure controls

Appropriate engineering controls : Ensure all national/local regulations are observed.

Personal protective equipment : Insufficient ventilation: wear respiratory protection. Protective goggles.



Hand protection : Non-Cloth gloves are sufficient

Eye protection : Goggles (Under dusty conditions)

Skin and body protection : None

Respiratory protection : Select an appropriate respirator as required by N-95 half mask disposal or reusable particulate respirator.

Other information : None.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder
Colour	: Off White
Odour	None
Odour threshold	No data available :
pH	No data available
Relative evaporation rate (butylacetate=1)	: No data available :
Melting point	No data available :
Freezing point	No data available :
Boiling point	No data available
Flash Point	: Not known
Auto-ignition temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available :
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	
Density	: 1.5158 (SG)
Solubility	: In water - Partial
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
Oxidising properties	: No data available
Explosive limits	: Not applicable

## SECTION 10: Stability and reactivity

**Chemical Stability** Stable

**Conditions to Avoid** Avoid dust formations.

**Incompatible Materials** Strong oxidizers.  
**Hazardous Decomposition Products** Carbon oxides (CO, CO2), nitrogen .

## SECTION 11: Toxicological information

### Information on toxicological effects

Acute toxicity : None

<b>No Toxicity data is available</b>	

**Skin corrosion/irritation:** Prolonged exposure may cause irritation.  
**Serious eye damage/irritation:** May cause eye irritation.  
**Respiratory or skin sensitisation:** Prolonged exposure may cause irritation  
**Germ cell mutagenicity:** Not classified  
**Carcinogenicity:** No  
**Reproductive toxicity:** No  
**Specific target organ toxicity (single exposure):** None  
**Specific target organ toxicity (repeated exposure):** None  
**Aspiration hazard:** Not classified  
**Symptoms/injuries after inhalation:** May cause respiratory irritation.  
**Symptoms/injuries after eye contact:** May cause eye irritation.  
**Symptoms/injuries after ingestion:** Not known.

## SECTION 12: Ecological information

### Toxicity

<b>SweLCM</b>	
<b>96 Hr. Mysidopsis bahia LC50</b>	471,220ppm SPP: Passed EPA's requirement of greater than 30,000ppm to meet the discharge requirements.


### Bioaccumulative potential

<b>SweLCM</b>	
<b>Bioaccumulative potential</b>	Not established.

### Mobility in soil

No additional information available

## SECTION 13: Disposal considerations

### Waste treatment methods

**Water disposal Method:** Landfill under conditions that meet all federal, state and local regulations.

## SECTION 14: Transport information

In accordance with DOT,TDG,IMDG,ICAO/IATA : Not regulated for transportation

## SECTION 15: Regulatory information

### US Federal regulations

SwelLCM

Sara 311/312 Hazard Catagory: Acute

**This product contains no chemicals which are listed as hazardous waste when disposed and does not exhibit any characteristics of hazardous waste.**

This product is not subject to the referenced SARA and CERCLA regulations.

**US State regulations**

<b>SwelLCM</b>	
<b>State or local regulations</b>	Not regulated for transportation.

**SECTION 16: Other information**

**Indication of changes** : 04/22/2014  
**Other information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

H320	May cause eye irritation
H335	May cause respiratory irritation
H316	May cause skin irritation

**NFPA health hazard** : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
**NFPA fire hazard** : 0 - Not combustible  
**NFPA reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



**HMIS III Rating**

**Health** : 1 Slight Hazard - Irritation or minor reversible injury possible  
**Flammability** :0 Minimal Hazard  
**Physical** :0 Minimal Hazard

*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.*

SDS US (GHS HazCom) - US Only