1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier:
Product Name: Concrobium Moisture Grabbers XL™

Other Identification Means:
Synonyms: None

Use of Substance/Preparation and Restrictions:
Recommended Use: Desiccant
Uses Advised Against: No information available

SDS Supplier Details:
Company Name: Siamons International Inc.
Company Identification:
48 Galaxy Blvd., Unit 413
Toronto, Ontario Canada
M9W 6C8

Company Emergency Telephone Number: Emergency Phone: 866 811 4148

2. HAZARDS IDENTIFICATION

GHS Classification
Skin irritation (Category 2)
Eye irritation (Category 2A)
Specific target organ toxicity - single exposure (Category 3)

GHS Label Elements, including precautionary statement:
Emergency Overview:
The product is considered hazardous under OSHA regulations. Eye irritation.
Appearance: Flakes/Powders
Physical State: Solid
Odour: Odourless

Signal Word (GHS-US):
WARNING

Hazard Pictograms (GHS-US):

Hazard Statements (GHS-US):
H315 Causes skin irritation.
H319 Causes serious eye irritation.
Concrobum Moisture Grabbers
Revision Date: June 12, 2017

H335 May cause respiratory irritation.

**Precautionary Statements (GHS-US) - Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

**Precautionary Statements (GHS-US) - Response:**
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+ P352 IF ON SKIN: Wash with plenty of soap and water

**Precautionary Statements (GHS-US) - Storage:**
None

**Precautionary Statements (GHS-US) - Disposal:**
None

**Hazards not otherwise classified (HNOC):**
None

**Interactions with Other Chemicals:**
None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Description:</th>
<th>Chemical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredient</td>
<td>CAS #</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>10043-52-4</td>
</tr>
<tr>
<td>Amylopectin</td>
<td>9037-22-3</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First Aid Measures:**

**Eye Contact:** Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin Contact:** Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.

**Inhalation:** Remove to fresh air. If symptoms persist consult physician.
Ingestion: Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.

Most Important symptoms and effects: No information available.

Notes to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam

Unsuitable Extinguishing Media: Do not use dry chemicals or foams.


Explosion Data:
Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Special safety equipment: Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe dust.

Environmental Precautions:

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up:

Method for Containment: Contain any powder spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Procedures for Non-Emergency Personnel:

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


Procedures for Emergency Personnel:
7. HANDLING AND STORAGE

Precautions for Safe Handling:

Handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust.

Conditions for safe storage, including any incompatibilities:

Storage
Store in a cool location.
Protect from humidity and water.
Avoid storage near extreme heat, ignition sources or open flame.

Store away from foodstuffs.

Further information about storage conditions
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.
Keep container tightly sealed.

Incompatible Products
None known

Specific end use(s):
No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Exposure Guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate Engineering Controls:

Engineering Measures
Showers.
Eyewash stations.
Ventilation Systems.

Individual Protection Measures:

Eye protection: Safety goggles.
Skin protection: Use body-covering impervious clothing.
Hand protection: Chemical resistant gloves.
Respiratory protection: Use local exhaust or dilution ventilation.
Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>White granular solid.</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not established.</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>Not applicable</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>None</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower Limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.00 g/cm³</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Soluble in water.</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility Other Solvents</td>
<td>NO data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition Coefficient:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition</td>
<td>NO data available</td>
<td>None known</td>
</tr>
<tr>
<td>Temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Other Properties:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Softening Point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>VOC Content %</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Particle Size</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

SDS: Concrobium Moisture Grabbers XL
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## 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Reactivity:</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Stability:</td>
<td>Stable under recommended storage conditions</td>
</tr>
<tr>
<td>Possibility of Hazardous Reactions:</td>
<td>None under normal processing</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Does not occur.</td>
</tr>
<tr>
<td>Conditions to avoid:</td>
<td>Store away from reducing agents, acids, bases, salts of heavy metals, organic materials, flammable substances.</td>
</tr>
<tr>
<td>Incompatible materials:</td>
<td>Strong acids, boron oxides, zinc, calcium oxide, methyl vinyl ether. Calcium chloride is attacked by bromine trifluoride.</td>
</tr>
<tr>
<td>Thermal Decomposition / Conditions to be avoided:</td>
<td>Stable under normal conditions.</td>
</tr>
</tbody>
</table>

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

**Product Information**

<table>
<thead>
<tr>
<th>Route</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Specific test data for substance/mixture not available</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Slight irritation</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Specific test data for substance/mixture not available</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Specific test data for substance/mixture not available</td>
</tr>
</tbody>
</table>

### Component Information:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Chloride</td>
<td>1000 mg/kg (rat)</td>
<td>2600 mg/kg (rabbit)</td>
<td>No information available (Rat)</td>
</tr>
<tr>
<td>Amylopectin</td>
<td>No information available (rat)</td>
<td>No information available (rabbit)</td>
<td>No information available (Rat)</td>
</tr>
</tbody>
</table>

### Information on Toxicological Effects:

**Symptoms**: None known

**Delayed/Immediate/Chronic Effects from short and long term exposure**:

**Sensitization**: None known

**Mutagenic Effects**: None known
Carcinogenicity: No ingredients listed as a carcinogen
Reproductive Toxicity: None known
STOT- Single Exposure: None known
STOT Repeated exposure: None known
Chronic Toxicity: None known
Target Organ Effects: None Known
Numerical Measures of Toxicity (based on GHS Chapter 3.1): Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not classified
Persistence and Degradability: No information available
Bioaccumulative Potential: No information available
Mobility in Soil: No information available
Other Adverse Effects: No information available
Other Information: Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment Methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste. If chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Disposal Methods
Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.
California Hazardous Waste Codes: 181 (Other inorganic solid waste).

14. TRANSPORT INFORMATION

DOT: Not Regulated
Proper Shipping Name: Not Regulated
Hazard Class: Not Applicable
TDG: Not Regulated
MEX: Not Regulated
ICAO: Not Regulated
IATA: Not Regulated
Proper Shipping Name: Not Regulated
Hazard Class: Not Applicable
IMDG/IMO:
Hazard Class: Not Applicable
RID: Not Regulated
ADR: Not Regulated
ADN: Not Regulated
15. REGULATORY INFORMATION

International Inventories:

TSCA  
Complies

DSL  
All components are listed either on the DSL or NDSL

TSCA – Untied States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List.

Canadian Regulations:

Canadian WHMIS Classification:  
D2B Toxic Material Causing Other Toxic Effects Moderate Eye Irritant

Health Canada DIN:  
Registered.

Canadian DSL:  
Appears.

US Federal Regulations:

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories:

Acute Health Hazard  
Yes

Chronic Health Hazard  
No

Fire Hazard  
No

Sudden Release of Pressure Hazard  
No

Reactive Hazard  
Yes

CWA (Clean Water Act)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances which are regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERLA) (40 CFR 302).

US State Regulations:

California Proposition 65

This product does not contain any Proposition 65 Chemicals.

US State Right-To-Know Regulations
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical Hazard</th>
<th>Physical and Chemical Hazards – Personal Protections</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>n/a</td>
</tr>
<tr>
<td>HMIS</td>
<td>2</td>
<td>0</td>
<td>n/a</td>
<td>0</td>
</tr>
</tbody>
</table>

**HMIS III Rating**

Health: 2 Slight Hazard – Temporary or minor injury may occur.

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

**Prepared By:** Lizmar  
32 Louisa Street  
Toronto Ontario  
M8V 2K6  
416-436-5054

**Issuing Date:** December 16, 2014  
**Revision Date:** June 12, 2017  
**Revision Note:** Format changes only.

**Disclaimer:**
The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**