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

Product Identifier:
Product Name: Concrobium Moisture Grabbers™

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.
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.

Specific Hazards Arising from the Chemical: Thermal decomposition releases irritating gases.

Hazardous Combustion Products: Carbon Oxides.

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:
Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Reference to Other Sections: See Heading 8. Exposure Controls and Personal Protection.

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:


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

<table>
<thead>
<tr>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
</tr>
<tr>
<td><strong>Property</strong></td>
</tr>
<tr>
<td><strong>pH</strong></td>
</tr>
<tr>
<td><strong>Melting/Freezing Point</strong></td>
</tr>
<tr>
<td><strong>Boiling Point/Range</strong></td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
</tr>
<tr>
<td><strong>Flammability Limit in Air:</strong></td>
</tr>
<tr>
<td><strong>Upper Limit</strong></td>
</tr>
<tr>
<td><strong>Lower Limit</strong></td>
</tr>
<tr>
<td><strong>Vapour Pressure</strong></td>
</tr>
<tr>
<td><strong>Vapour density</strong></td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
</tr>
<tr>
<td><strong>Water Solubility</strong></td>
</tr>
<tr>
<td><strong>Solubility Other Solvents</strong></td>
</tr>
<tr>
<td><strong>Partition Coefficient:</strong></td>
</tr>
<tr>
<td>n-octanol/water</td>
</tr>
<tr>
<td><strong>Autoignition temperature</strong></td>
</tr>
<tr>
<td><strong>Decomposition</strong></td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
</tr>
<tr>
<td><strong>Kinematic Viscosity</strong></td>
</tr>
<tr>
<td><strong>Dynamic Viscosity</strong></td>
</tr>
<tr>
<td><strong>Explosive Properties</strong></td>
</tr>
<tr>
<td><strong>Oxidizing Properties</strong></td>
</tr>
<tr>
<td><strong>Other Properties:</strong></td>
</tr>
<tr>
<td><strong>Softening Point</strong></td>
</tr>
<tr>
<td><strong>VOC Content %</strong></td>
</tr>
<tr>
<td><strong>Particle Size</strong></td>
</tr>
<tr>
<td><strong>Particle Size Distribution</strong></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information
Inhalation Specific test data for substance/mixture not available
Eye Contact Slight irritation
Skin Contact Specific test data for substance/mixture not available
Ingestion Specific test data for substance/mixture not available

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
Concrobum Moisture Grabbers
Revision Date: June 12, 2017

Carcinogenicity
Reproductive Toxicity
STOT - Single Exposure
STOT Repeated exposure
Chronic Toxicity
Target Organ Effects
Numerical Measures of Toxicity (based on GHS Chapter 3.1)

No ingredients listed as a carcinogen
None known
None known
None known
None known
None Known
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:
California Hazardous Waste Codes
181 (Other inorganic solid waste).
Ecology – Waste Materials:
Avoid release to the environment.

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
Concobrium Moisture Grabbers
Revision Date: June 12, 2017

<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: October 9, 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