

# SAFETY DATA SHEET

## Concrobium Moisture Grabbers™

Issuing Date: October 9, 2014

Revision Date: February 13 2017

Revision Number: 3

### 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

**Classification:**

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR 1910.1200) and WHMIS 2015.

**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):**

WARNING

**Hazard Pictograms (GHS):**



**Hazard Statements (GHS):**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

# Concrobium Moisture Grabbers

Revision Date: February 13 2017

## Precautionary Statements (GHS) - Prevention:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

## Precautionary Statements (GHS) - 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) - Storage:

None

## Precautionary Statements (GHS) - Disposal:

None

## Hazards not otherwise classified (HNOC):

None

## Interactions with Other Chemicals:

None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description:

Chemical

Ingredient	CAS #	% by Wt	Trade Secret
Calcium Chloride	10043-52-4	60-100	*
Amylopectin	9037-22-3	35-70%	*

\* 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

# Concrobium Moisture Grabbers

Revision Date: February 13 2017

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).

**Emergency Procedures:** Evacuate unnecessary personnel.

### Procedures for Emergency Personnel:

# Concrobium Moisture Grabbers

Revision Date: February 13 2017

**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:

**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.

# Concrobium Moisture Grabbers

Revision Date: February 13 2017

**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

<u>Property</u>	<u>Values</u>	<u>Odor</u>	<u>Remarks/Method</u>
<b>Physical State</b>	Solid		
<b>Appearance</b>	White granular solid.	<b>Odor</b>	Odorless
<b>Colour</b>	White	<b>Odor Threshold</b>	No information available.
<b>pH</b>	Not established.		
<b>Melting/Freezing Point</b>	No data available		
<b>Boiling Point/Range</b>	Not applicable		
<b>Flash Point</b>	None		
<b>Evaporation Rate</b>	No data available		
<b>Flammability ( solid, gas)</b>	No data available		
<b>Flammability Limit in Air:</b>			
<b>Upper Limit</b>	No data available		
<b>Lower Limit</b>	No data available		
<b>Vapour Pressure</b>	No data available		
<b>Vapour density</b>	No data available		
<b>Specific Gravity</b>	1.00 g/cm <sup>3</sup>		
<b>Water Solubility</b>	Soluble in water.		
<b>Solubility Other Solvents</b>	NO data available		
<b>Partition Coefficient:</b>			
<b>n-octanol/water</b>	No data available		
<b>Autoignition temperature</b>	No data available		
<b>Decomposition Temperature</b>	NO data available		
<b>Kinematic Viscosity</b>	No data available		
<b>Dynamic Viscosity</b>	No data available		
<b>Explosive Properties</b>	No data available		
<b>Oxidizing Properties</b>	No data available		
<b>Other Properties:</b>			
<b>Softening Point</b>	No data available		
<b>VOC Content %</b>	No data available		
<b>Particle Size</b>	No data available		
<b>Particle Size Distribution</b>	No data available		

## 10. STABILITY AND REACTIVITY

**Reactivity:** No data available

# Concrobium Moisture Grabbers

Revision Date: February 13 2017

<b>Chemical Stability:</b>	Stable under recommended storage conditions
<b>Possibility of Hazardous Reactions:</b>	None under normal processing
<b>Hazardous Polymerization:</b>	Does not occur.
<b>Conditions to avoid:</b>	Store away from reducing agents, acids, bases, salts of heavy metals, organic materials, flammable substances.
<b>Incompatible materials:</b>	Strong acids, boron oxides, zinc, calcium oxide, methyl vinyl ether. Calcium chloride is attacked by bromine trifluoride.
<b>Hazardous Decomposition Products:</b>	Carbon oxides. Hydrogen chloride gas, calcium oxides.
<b>Thermal Decomposition / Conditions to be avoided:</b>	Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

#### Product Information

<b>Inhalation</b>	Specific test data for substance/mixture not available
<b>Eye Contact</b>	Slight irritation
<b>Skin Contact</b>	Specific test data for substance/mixture not available
<b>Ingestion</b>	Specific test data for substance/mixture not available

### Component Information:

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
<b>Calcium Chloride</b>	1000 mg/kg (rat).	2600 mg/kg (rabbit)	No information available (Rat)
<b>Amylopectin</b>	No information available (rat)	No information available (rabbit)	No information available (Rat)

### Information on Toxicological Effects:

**Symptoms** None known

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

<b>Sensitization</b>	None known
<b>Mutagenic Effects</b>	None known
<b>Carcinogenicity</b>	No ingredients listed as a carcinogen
<b>Reproductive Toxicity</b>	None known
<b>STOT- Single Exposure</b>	None known

SDS: Concrobium Moisture Grabbers

# Concrobium Moisture Grabbers

Revision Date: February 13 2017

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: California Hazardous Waste Codes

Dispose of contents/containers in accordance with local regulations.

181 (Other inorganic solid waste).

### Ecology – Waste Materials:

Avoid release to the environment.

## 14. TRANSPORT INFORMATION

<u>DOT:</u>	Not Regulated
Proper Shipping Name	Not Regulated
Hazard Class	Not Applicable
<u>TDG</u>	Not Regulated
<u>MEX</u>	Not Regulated
<u>ICAO</u>	Not Regulated
<u>IATA:</u>	Not Regulated
Proper Shipping Name	Not Regulated
Hazard Class	Not Applicable
<u>IMDG/IMO:</u>	
Hazard Class	Not Applicable
<u>RID</u>	Not Regulated
<u>ADR</u>	Not Regulated
<u>ADN</u>	Not Regulated

## 15. REGULATORY INFORMATION

# Concrobium Moisture Grabbers

Revision Date: February 13 2017

## International Inventories:

TSCA Complies  
DSL All components are listed either on the DSL or NDSL

TSCA – United 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

Health Hazard    Flammability    Instability    Physical Hazard    Physical and

SDS: Concrobium Moisture Grabbers



# Concrobium Moisture Grabbers

Revision Date: February 13 2017

						<b>Chemical Hazards – Personal Protections</b>
<b>NFPA</b>	1	0	0	n/a		X
<b>HMIS</b>	2	0	n/a	0		B

## HMIS III Rating

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

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

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**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**