

SAFETY DATA SHEET

Concrobium Broad Spectrum Disinfectant

Issuing Date: August 26, 2014

Revision Date: May 22, 2015

Revision Number: 1

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

Product Identifier:

Product Name Concrobium Broad Spectrum Disinfectant

Other Identification Means:

Synonyms None

Use of Substance/Preparation and Restrictions:

Recommended Use: Disinfectant
Uses Advised Against: No information available

SDS Supplier Details:

Company Name: Simons 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 not considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CER 1910.1200) and WHMIS 2015.

GHS Label Elements, including precautionary statement:

Emergency Overview:

The product contains no substances which at given concentration, are considered to be hazardous to health.

Appearance: Clear/Colourless

Physical State: Liquid

Odour: Thymol

Signal Word (GHS-US):

None

Hazard Pictograms (GHS-US):

None

Hazard Statements (GHS-US):

Causes mild skin irritation
May cause slight eye irritation.

Precautionary Statements (GHS-US) - Prevention:

None

Precautionary Statements (GHS-US) - Response:

None

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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

Chemical Description: Chemical

Ingredient	CAS #	% by Wt	Classification
Thymol	89-83-8	0.15-0.25%	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Acute Toxicity 4 – H302

4. FIRST AID MEASURES

First Aid Measures:

Eye Contact: Remove contacts. Flush with water for at least 15 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

Indication of any immediate medical attention and special treatment needed

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 No information available.

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

Hazardous Combustion Products Carbon Oxides.

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Explosion Data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Protective Equipment and Precautions for Firefighters 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:

Personal Precautions: Do not get in eyes, on skin, or on clothing. Do not breathe mist.

Environmental Precautions:

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up:

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

Methods for Cleaning Up: Clear up spills immediately with absorbent 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:

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.

Information about fire and explosion protection: Keep respiratory protective device available.

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No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage Store in a cool location.
Keep container tightly closed.
Avoid storage near extreme heat, ignition sources or open flame.

Incompatible Products None known

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.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odour	Thyme Oil
Appearance	Clear, Colourless	Odour Threshold	No information available.
Colour	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	5.5 - 8.5	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	Est 100 C / 212 F	None known
Flash Point	None	None known
Evaporation Rate	No data available	None known

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Flammability (solid, gas)	No data available	None known
Flammability Limit in Air:		
Upper Limit	No data available	None known
Lower Limit	No data available	None known
Vapour Pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	1.00 g/cm ³	
Water Solubility	Soluble in water.	None known
Solubility Other Solvents	NO data available	None known
Partition Coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available

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:	Incompatible agents
Incompatible materials:	Oxidizing agents, acids.
Hazardous Decomposition Products:	Carbon oxides.
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

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Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Thymol	980 mg/kg (rat)	>2000 mg/kg (rat)	No data available

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

California Hazardous Waste Codes

232

Contaminated Packaging: Ecology – Waste Materials:

Dispose of contents/containers in accordance with local regulations.
Avoid release to the environment.

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13. 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 – 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:	Not WHMIS regulated
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	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

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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 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

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Thymol					

16. OTHER INFORMATION

	Health Hazard	Flammability	Instability	Physical Hazard	Physical and Chemical Hazards – Personal Protections
NFPA	1	0	0	n/a	X
HMIS	1	0	n/a	0	B

HMIS III Rating

Health: 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

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Revision Note: Format changes only.

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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