

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Concrobium® Mold Stain Remover
Material Number
Chemical nature Enzyme Preparation.
Formula Not applicable.
Synonyms Not applicable.
Recommended Use Commercial and Industrial
Company/undertaking identification: Siamons International Inc.
36 Meteor Drive
Toronto, Ontario
M9W 1A4
E-mail Address customerserviceus@concrobium.com
Telephone: (866) 811-4148

2. HAZARDS IDENTIFICATION

Potential Health Effects: Inhalation of enzyme mist/dust may cause allergic respiratory reactions, including asthma, in susceptible individuals on repeated exposure.

Eyes May cause severe eye irritation.
Skin May cause slight irritation.
Inhalation: May cause slight irritation.
Ingestion Not expected to be toxic by ingestion.

Aggravated Medical Conditions Atopy. Asthma.

Environmental Hazard See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description Enzyme Preparation.

Chemical Name	CAS-No	%	OSHA	ACGIH
Arylesterase	9032-73-9	<1	Not Listed	Not Listed
Propylene Glycol Diacetate	623-84-7	48-52	Not Listed	Not Listed
Sodium percarbonate	15630-89-4	47-51	Not Listed	Not Listed

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4. FIRST AID MEASURES

Eye Contact	Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin Contact	Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
Inhalation	Remove person to fresh air. If signs/symptoms continue, get medical attention.
Ingestion	Rinse mouth with water. Get medical attention immediately if symptoms occur.
Notes to Physician	May cause allergic respiratory reaction.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Suitable Extinguishing Media	Standard procedure for chemical fires. Foam. Water.
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use only with adequate ventilation/personal protection. Avoid breathing dust or spray mist. Avoid formation of dust and aerosols. For personal protection see section 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Contain and remove spilled product by mechanical means or with a vacuum cleaner equipped with a high efficiency filter. Avoid formation of aerosol.

7. HANDLING AND STORAGE

Handling	Avoid breathing dust or spray mist. Use appropriate personal protection (see Section 8). Avoid contact with the product. Avoid the formation of aerosols and dust from dry product. Ventilate areas.
Storage	Keep in a dry, cool and well-ventilated place.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines Contains no substances with occupational exposure limit values.

Occupational Exposure Controls

Engineering Measures Ventilation systems.

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

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and Body Protection Impervious gloves.

Respiratory Protection OV/AG/P100 respirator recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear with white crystals.	Odor	Typical odor of fermented product
Physical State	Liquid contains solid particles. Particle settling is normal.	pH	No information available
Flash Point	Not applicable.	Method	Not applicable.
Autoignition Temperature	Not applicable.	Decomposition Temperature	Not determined
Boiling Point/Range	Not determined	Melting Point/Range	Not determined
Freezing Point	Not determined		
Flammability Limits in Air	Not applicable.	Explosion Limits	Not determined
Specific Gravity	Not determined	Water solubility	Soluble
Evaporation Rate	Not determined	Vapor Pressure	Not determined
Vapor Density	Not determined	Density	Not determined
Molecular Weight	Not determined		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products None known.

Conditions to Avoid None known.

Hazardous Decomposition Products When mixed with water generates peracetic acid.

Hazardous Polymerization Hazardous polymerization does not occur.

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11. TOXICOLOGICAL INFORMATION

Product Information

Acute Toxicity

Oral No data available.
Dermal No data available.
Inhalation No data available.

Irritation

Eye irritation May cause severe eye irritation.
Skin irritation No data available
Respiratory irritation No data available

Sensitization

Inhalation of enzyme mist/dust may cause allergic respiratory reactions, including asthma, in susceptible individuals on repeated exposure.

Systemic toxicity

There is no data available for this product

Mutagenic effects

There is no data available for this product

Reproductive effects

This product does not contain any known or suspected reproductive hazards.

Carcinogenicity

The list below indicates any ingredient listed as a carcinogen:

Component Information

Component information below is as complete as possible. Any fields not shown indicate no data is presently available.

Propylene Glycol Diacetate

Oral LD50/oral/rat 13530 mg/kg

Sodium percarbonate

Oral LD50/oral/rat 1034 mg/kg
Dermal LD50/dermal/rabbit > 2000 mg/kg
Inhalation Rat LC50 = 4.58 mg/L
Eye irritation Highly irritating to rabbit eyes.
Skin irritation May cause mild irritation.

Sensitization

Not a sensitizer in guinea pig sensitization studies.

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12. ECOLOGICAL INFORMATION

Ecotoxicity effects	Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.
Mobility	Soluble.
Persistence and Degradability	Enzymes are considered readily biodegradable.
Bioaccumulation/Accumulation	Bioaccumulation is unlikely.

Component Information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia	Biodegradation
Sodium percarbonate	EC50/240h/algae = 70 mg/L (Chlorella emersonii)	96 hr LC50 = 70.7 mg/L Pimephales promelas (fathead minnow)	EC50/48hr/daphnia = 4.9 mg/L	No data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	In accordance with local and national regulations.
Packaging	If empty container retains product residues, all label precautions must be observed. Store away from ignition sources. Transport with all closures in place. Return for reuse or dispose according to national or local regulations.

14. TRANSPORT INFORMATION

Harmonized Tariff Code: 3507.90.7000 (for enzymes).

DEPT. OF TRANSPORTATION UN OR NA NUMBER Not classified as dangerous in the meaning of transport regulations.

Hazard Class	5.1 (oxidizer)
Packing Group	II
Reportable Quantity (RQ)	Not applicable
Proper Shipping Name	Oxidizing solid, n.o.s. (sodium carbonate peroxyhydrate)

UN-No	UN or NA number: Not classified as dangerous in the meaning of transport regulations.
Hazard Class	5.1 (oxidizer)
Packing Group	II

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15. REGULATORY INFORMATION

HAZARD RATING SYSTEMS:

HMIS (SCALE 0-4, WHERE 4=SEVERE HAZARD): Health: 2 Flammability: 2 Reactivity: 2

U.S. Federal Regulations

Chemical Name	SARA 313 - Threshold Values %	CERCLA/SARA - Section 302 Extremely Haz
Arylesterase	Not listed	Not listed
Propylene Glycol Diacetate	Not listed	Not listed
Sodium percarbonate	Not listed	Not listed

U.S. State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

Prepared By Siamons International Inc.

Issuing Date October 4, 2010

Revision Date " "

Changes since last date of revision:

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SDS