

MATERIAL SAFETY DATA SHEET
CONCROBIUM MOLD STAIN ERASER

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Mold Stain Eraser	PRODUCT USE:	Cleans and removes stains
MANUFACTURER:	Siamons International	SUPPLIER	Siamons International
ADDRESS:	48 Galaxy Blvd Toronto, Ontario, Canada. M9W 6C8	ADDRESS:	48 Galaxy Blvd Toronto, Ontario, Canada. M9W 1A4.
EMERGENCY :	416 213 0219	EMERGENCY :	416 213 0219 Or call poison control centre listed in white pages.

SECTION II: INGREDIENT INFORMATION

Ingredients	CAS#	Wt%	OSHA-TWA	ACGIH-TWA	LD ₅₀
Sodium bicarbonate	144-55-8	1-5	10 mg/m3 dust resp	10 mg/m3 dust resp	3360 mg/kg (oral/rat)
Sodium Percarbonate	15630-89-4	60-100	10 mg/m3 dust resp	10 mg/m3 dust resp	2400 mg/kg (oral/rat)
tetra acetyl ethylene diamine	10543-57-4	15-35	10 mg/m3 dust resp	10 mg/m3 dust resp	2400 mg/kg (oral/rat)

SECTION III: HAZARDOUS IDENTIFICATION

Inhalation: Remove the subject from dusty environment.
Consult a physician in case of respiratory symptoms.

Eyes: Flush eyes as soon as possible with running water for 15 minutes, while keep in the eyelids open. In case of difficulty opening lids, administer analgesic eye-wash (oxybuprocaine). Consult an ophthalmologist in all cases.

Skin: Remove contaminated shoes, socks and clothing; wash the affected skin with running water. Consult a physician in case of persistent pain or redness.

Ingestion: Consult a physician immediately in all cases.

If the subject is completely conscious: Rinse and administer fresh water. Do **not** induce vomiting.

If the subject is unconscious: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Loosen collar and tight clothing; lay the victim on his/her left side. Keep warm (blanket).

Chronic Effects

Carcinogenicity: No ingredients listed IARC or NTP or ACGIC. Non hazardous by WHIMIS/OSHA criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: The ingredients in this product were found not to be mutagenic when tested by the Ames Assay. (OECD Guidelines for chemical testing, sec.471)

SECTION IV: FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

Skin Contact : Flush with water. Seek medical attention if irritation persists. Remove contaminated clothing and launder before reuse.

Inhalation: Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

MATERIAL SAFETY DATA SHEET
CONCROBIUM MOLD STAIN ERASER

SECTION V: FIRE FIGHTING MEASURES

Flammability: Non flammable.
Flash Point deg (C,TCC) : Not Applicable

Means of Extinction: As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam
Special Fire Hazards: Fire fighters should wear self contained breathing apparatus as for surrounding fire. Oxygen released on exothermic decomposition may support combustion in case of surrounding fire.

Autoignition temperature: Not applicable.
Flame propagation or burning rate of solid: Not applicable
Sensitivity to static discharge: Not applicable
Unusual Fire and Explosion Hazards. None expected. As per surrounding fire.
Hazardous decomposition products: Oxides of carbon, oxides of nitrogen.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Before attempting clean up, refer to the hazard data provided above. Small spills may be swept up and placed in impervious bag and disposed of in regular garbage. For large spills sweep up and place in container with lid and dispose of in accordance to local, State or Provincial and Federal regulations.

SECTION VII: HANDLING AND STORAGE

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials which include acids, oxidizing materials, reducing sugars and Ammonia Salts.
 Storage temperature C Ambient to 35 C
 Transport temperature C Ambient to 35 C
 Keep container closed. Handle and open container with care. Store in a well ventilated place away from incompatible materials. Do not store near open flame.
 Do not reuse empty containers.

SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: Impervious gloves are recommended
Eye Protection: Splash goggles are recommended if eye contact is possible.
Respiratory Protection: Not normally required if good ventilation is maintained
Other Protective Equipment: As required by employer code. Eye bath, safety shower, protective clothing.
Engineering Controls: General ventilation normally required

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg C)	100	Bulk Density	0.9-1.0 gr/cc	Evaporation Rate (water=1):	Not applicable
% Volatile (Wt%):	Not established	Solubility in water:	Complete	pH (as supplied):	Not applicable
Physical State:	powder	Viscosity:	Not applicable		
Appearance / Odour:	White free flowing powder typical odour				

MATERIAL SAFETY DATA SHEET
CONCROBIUM MOLD STAIN ERASER

SECTION X: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable
Incompatible Materials: Strong reducing agents, strong acids.
Hazardous Decomposition Products: Oxygen released on exothermic decomposition may support combustion in case of surrounding fire.

SECTION XI: TOXICOLOGICAL INFORMATION

See Section II for LD 50 for individual components.

SECTION XII: ECOLOGICAL INFORMATION

Sodium bicarbonate:
96-hour LC50 = 265 - 565 mg/L (daphnia magna) (low toxicity)
96-hour LC50 = 300 - 320 mg/L (bluegill sunfish) (low toxicity)

Sodium Percarbonate:
Fish, Pimephales promelas; LC50, 70.7 mg/L.
Fish, Pimephales promelas; NOEC, 96 hours, 1 mg/L.
Crustaceans, Daphnia pulex; EC50, 4.9 mg/L.
Crustaceans, Daphnia pulex; NOEC, 48 hours, 1 mg/L.

Tetraacetythylenediamine is classified as readily biodegradable.
C.O.D. value 940 O₂/g (dichromate method).

Full formulation would be expected to have the following:
No bioaccumulation.
Abiotic degradation.
Low toxicity of degradation products.

SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of in accordance to all local, provincial/state and federal regulations.

SECTION XIV: TRANSPORTATION

Ground Canada: (1 KG and smaller)
Classified as **Limited Quantity**.
Refer to TDG regulations (Canadian Transportation of Dangerous Goods regulations).
Ground USA: (1 KG and smaller)
Classified as **Limited Quantity**. Refer to USA CFR 49 Regulations.
Meets **ORM-D** label requirement.

SECTION XV: REGULATORY INFORMATION

Occupational Health and Safety Regulations:
WHMIS Class: Class D Division 2B ,Class C Oxidizing material.

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations
None of these ingredients are listed

Canadian Domestic Substance List (DSL): All ingredients are registered on the DSL
National Regulations (US)
TSCA Inventory 8(b): Yes.
SARA Title III Sec. 302/303 Extremely Hazardous Substances (40 CFR 355): No.
SARA Title III Sec. 311/312 (40 CFR 370):
Hazard Category Yes, Fire Hazard.
Threshold planning quantity - 10,000 lbs.
SARA Title III Sec. 313 Toxic Chemical Emissions Reporting (40 CFR 372): No.

MATERIAL SAFETY DATA SHEET
CONCROBIUM MOLD STAIN ERASER

CERCLA Hazardous Substance (40 CFR Part 302)
Listed: No.
Unlisted Substance: Yes, Reportable Quantity 100 lbs.
Characteristic: Ignitability (D001).

SECTION XVI: OTHER INFORMATION

Date:	29 January 2012	Prepared By:	Technical Services Group	Telephone:	416 213 0219
--------------	-----------------	---------------------	-----------------------------	-------------------	--------------

Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST on Montreal, Quebec (514-873-3990).