

MSDS REPORT

PREPARATION DATE : 8/30/2005

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
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PRODUCT NAME : Multi-Surface Extreme Cleaner and Algae and Mold Remover
PRODUCT CODE : SIM1IBLAMR35 Date : 08/30/2005
PRODUCT USER/CLASS : Specialty Chemical
SUPPLIER : Simix
9180 Prairie Village Drive
Kenosha, WI 53142
Emergency Telephone Number : Chemtrec (24 hours) 800-424-9300,

PREPARER: Zack Steuerwald,

PHONE : 414-438-8600

PREPARE DATE : 08/30/2005

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

SrNo	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
1	Sodium carbonate	000497-19-8	
2	Sodium percarbonate	015630-89-4	
3	Disodium Trioxosilicate Pentahydrate	009016-45-9	

----- EXPOSURE LIMITS -----

SrNo	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
1	10 mg/m3	N.E.	15 mg/m3	N.E.	N.E.	NO
2	N.E.	N.E.	N.E.	N.E.	N.E.	NO
3	N.E.	N.E.	2 mg/m3 Na	N.E.	N.E.	NO

SECTION 3 - HAZARDS IDENTIFICATION

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SECTION 3 - HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY : 1. Skin Contact, 2. Inhalation, 3. Ingestion, 4. Eye Contact

*** EMERGENCY OVERVIEW ***: Harmful if inhaled. May cause delayed lung damage. Causes eye irritation. May cause allergic skin reaction. Irritating to gastrointestinal tract. The material is an oxidizing agent which can be decomposed by water, direct sources of heat, catalyst, etc. Decomposition releases oxygen and heat.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Dusts will irritate the eyes and prolonged contact may damage the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Breathing product may irritate the nose and throat and cause coughing and chest discomfort.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to mouth, throat and stomach. May cause discomfort, nausea, vomiting, diarrhea, if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause lung damage. Repeated skin contact may cause a persistent irritation or dermatitis.

TARGET ORGANS: Lung Skin Eyes Gastrointestinal

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

FIRST AID - SKIN CONTACT: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT : N.D.

LOWER EXPLOSIVE LIMIT : N.D.

UPPER EXPLOSIVE LIMIT : N.D.

AUTOIGNITION TEMPERATURE : N.D.

EXTINGUISHING MEDIA : 1. CO₂, 2. Dry Chemical, 3. Foam, 4. Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes may be given off when material is exposed to fire. Will not burn, but decomposition will release oxygen which will increase the explosive limits and burning rate of flammable vapors.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Cool containers with water spray. Use copious quantities of water to extinguish.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If spill is dry, use a broom, shovel, or any similar means to recover product. Avoid dust generation and use appropriate respiratory protection. Avoid runoff into storm sewers and ditches which lead to waterways. Follow all government regulations. Evacuate area of unprotected personnel. Eliminate all sources of ignition. Provide adequate ventilation. Flush area with water to remove residual contamination.

SECTION 7 - HANDLING AND STORAGE

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SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Avoid breathing dust.

STORAGE: Keep away from heat, sparks and flame. Keep from freezing. Keep container closed when not in use. Avoid storing next to strong acids. This product should be stored in clean, dry areas. Do not store near incompatibles.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. This product falls under the category of nuisance dusts and has been issued a TLV (ACGIH) of 10mg/m³. Use appropriate protection to control respiratory exposure.

SKIN PROTECTION: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Nitrile rubber. Impervious gloves. Consult your glove manufacturer for compatibilities.

EYE PROTECTION: Wear chemical safety glasses with side shields or goggles. **DO NOT WEAR CONTACT LENSES.** Wear appropriate eye protection to prevent accidental contact.

OTHER PROTECTIVE EQUIPMENT: Wear suitable protective clothing to minimize and/or prevent contact. An eye-wash and safety shower should be present in the immediate area when handling this product.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : N.D.

VAPOR DENSITY : N/A

ODOR : N.D.

ODOR THRESHOLD : N.D.

APPEARANCE : WHITE FREE FLOWING POWDER W/ BLUE SPECS

EVAPORATION RATE : N/A

SOLUBILITY IN H₂O : Soluble

FREEZE POINT : N.D.

VAPOR PRESSURE : N.D.

SPECIFIC GRAVITY : 2.51

pH @ 0.0 % : N.D.

PHYSICAL STATE : Powder

VISCOSITY : N.D.

COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D.

SECTION 10 - STABILITY AND REACTIVITY

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SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, sparks, and open flames. This material is stable under normal conditions. Incompatibles.

INCOMPATIBILITY: Reducing agents. Strong oxidizers. Acids. Water.

HAZARDOUS DECOMPOSITION PRODUCTS: May liberate carbon monoxide or carbon dioxide. Oxides of Nitrogen. Ammonia.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Disodium Trioxosilicate

Crustacean 96 Hr LC50 160 mg/l (static)

Mosquitofish 96 Hr LC50 530 mg/l (static)

Daphnia magna 96 Hr LC50 496 mg/l

Mollusk egg 96 Hr EC50 632 mg/l (static / reproductive) No product or component ecological information is available.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Follow all federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME : Not DOT Regulated

DOT TECHNICAL NAME :

DOT HAZARD CLASS : Not DOT Regulated

HAZARD SUBCLASS :

DOT UN/NA NUMBER :

PACKING GROUP :

RESP. GUIDE PAGE :

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA Hazard Categories promulgated

under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and

is considered, under applicable definitions, to meet the following categories:

REACTION HAZARD

SARA SECTION 313 :

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SECTION 15 - REGULATORY INFORMATION
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This product contains the following substances subject to the reporting requirements of

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

-----CHEMICAL NAME -----CAS NUMBER WT/WT % IS LESS THAN

No SARA SECTION 313 components exist in this product

TOXIC SUBSTANCES CONTROL ACT :

The chemical substances in this product are on the TSCA Section 8 inventory

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from United States:

-----CHEMICAL NAME ----- CAS NUMBER

No information is available

INTERNATIONAL REGULATIONS: AS FOLLOWS:-

CANADIAN WHMIS : This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS : No information available

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH : 1 FLAMMABILITY : 0 REACTIVITY : 1

PREVIOUS MSDS REVISION DATE: 08/30/2005

REASON FOR REVISION : updates

LEGEND : N.A. - Not Applicable, N.E - Not Established, N.D. - Not Determined

DISCLAIMER

The information contained on this MSDS has been evaluated and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.
