

# MSDS REPORT

PREPARATION DATE: 03/16/2009

<b>SECTION</b>	<b>1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
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PRODUCT NAME : OXI SEAL FLOOR GRIME REMOVER

PRODUCT USER/CLASS : Specialty Chemical  
 SUPPLIER : SiMiX  
 9180 Prairie Village Dr.  
 Kenosha, WI 53142, USA

PREPARER: Amy Vanderboom, PHONE : 414-438-8600 INITIAL PREPARATION DATE : 06/07/2006

<b>SECTION</b>	<b>2 - COMPOSITION / INFORMATION ON INGREDIENTS</b>
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SrNo	Chemical Name	CAS Number
1	Silica	14808-60-7
2	Sodium Persulfate	7775-27-1
3	Disodium Trioxosilicate	006834-92-0

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

SrNo	ACGIH		OSHA		COMPANY		SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA		
1	0.1 mg/m	N.E.	10 mg/m	N.E.	N.E.		NO
2	N.E.	N.E.	N.E.	N.E.	N.E.		NO
3	N.E.	N.E.	2 mg/m <sup>3</sup> Na	N.E.	N.E.		NO

<b>SECTION</b>	<b>3 - HAZARDS IDENTIFICATION</b>
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PRIMARY ROUTE(S) OF ENTRY :1. Skin Contact, 2. Inhalation, 3. Ingestion, 4. Eye Contact

\*\*\* EMERGENCY OVERVIEW \*\*\*: Harmful is inhaled. May cause delayed lung damage. Causes eye irritation. May cause allergic skin reaction. Irritating to gastrointestinal tract.

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

<b>SECTION</b>	<b>4 - FIRST AID MEASURES</b>
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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.

<b>SECTION</b>	<b>5 - FIRE FIGHTING MEASURES</b>
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FLASH POINT : N.D. LOWER EXPLOSIVE LIMIT : N.D

AUTOIGNITION TEMPERATURE : N.D UPPER EXPLOSIVE LIMIT : N.D.

EXTINGUISHING MEDIA : 1. CO<sub>2</sub>, 2. Dry Chemical, 3. Foam, 4. Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: 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.

<b>SECTION</b>	<b>6 - ACCIDENTAL RELEASE MEASURES</b>
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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.

<b>SECTION</b>	<b>7 - HANDLING AND STORAGE</b>
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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.

<b>SECTION</b>	<b>8 - EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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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/m<sup>3</sup>. 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.

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<b>SECTION</b>	<b>9 - PHYSICAL AND CHEMICAL PROPERTIES</b>
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BOILING RANGE : N.D. VAPOR DENSITY : N/A ODOR : N.D. ODOR THRESHOLD : N.D. APPEARANCE : FREE FLOWING POWDER EVAPORATION RATE : N/A SOLUBILITY IN H2O : Soluble	FREEZE POINT : N.D. VAPOR PRESSURE : N.D. SPECIFIC GRAVITY : 1.5 TYP pH @ 0.0 % : N.D. PHYSICAL STATE : Powder VISCOSITY : N.D. COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D
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<b>SECTION</b>	<b>10 - STABILITY AND REACTIVITY</b>
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CONDITIONS TO AVOID: Heat, sparks, and open flames. This material is stable under normal conditions. Incompatibles.  
 INCOMPATIBILITY: Strong Reducing Agents, Strong bases and acids, alcohols, moisture  
 HAZARDOUS DECOMPOSITION PRODUCTS: None known.  
 HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.  
 STABILITY: This product is stable under normal storage conditions.

<b>SECTION</b>	<b>11 - TOXICOLOGICAL PROPERTIES</b>
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No product or component toxicological information is available.

<b>SECTION</b>	<b>12 - ECOLOGICAL INFORMATION</b>
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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)

<b>SECTION</b>	<b>13 - DISPOSAL CONSIDERATIONS</b>
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DISPOSAL METHOD: Follow all federal, state, and local regulations.

<b>SECTION</b>	<b>14 - TRANSPORTATION INFORMATION</b>
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Not DOT Regulated

<b>SECTION</b>	<b>15 - REGULATORY INFORMATION</b>
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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 :

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
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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

<b>SECTION</b>	<b>16 - OTHER INFORMATION</b>
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HMIS RATINGS - HEALTH : 1 FLAMMABILITY : 0 REACTIVITY : 1

PREVIOUS MSDS REVISION DATE: 06/07/2006  
 REASON FOR REVISION : Reformat and update product name  
 REVISED BY: Julie Hrobar

**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.