

ALCONOX

MATERIAL SAFETY DATA SHEET**Section 1 – PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME: ALCONOX**

GENERAL USE: Detergent Cleaner

PRODUCT DESCRIPTION: White granular powder mixture, practically odorless

MANUFACTURERS NAME:

Alconox, Inc

DATE PREPARED: October 8, 2003

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STREET ADDRESS:

30 Glenn St. Suite 309

TELEPHONE NUMBER FOR INFORMATION

++914-948-4040

CITY, STATE, ZIP, COUNTRY

White Plains, NY 10603 USA

EMERGENCY TELEPHONE NUMBER

CHEM-TEL (800) 255-3924 Outside USA ++813-248-0573

DISTRIBUTOR NAME: same unless filled in

STREET ADDRESS:

TELEPHONE NUMBER FOR INFORMATION

CITY, STATE, ZIP, COUNTRY

EMERGENCY TELEPHONE NUMBER

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	% By Wt	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS.
			ppm	mg/m ³	ppm	mg/m ³		
Sodium phosphate, tribasic (a)	7758-29-40	10-30	N/E					5000
Sodium carbonate (nuisance dust)	497-19-8	7-13		15				
Sodium dodecylbenzene sulfonate (a)	25155-30-0	10-30	N/E					1000
Tetrasodium phosphate	7722-88-5	10-30		5				
(a) see Section 15			N/E not established					

SECTION 3 – HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Granular powder, airborne dust particles are harmful and irritating to respiratory tract. Contact with eyes and skin may cause irritation. Hazard symbols for this product Xi, XN.

POTENTIAL HEALTH EFFECTS

INHALATION: Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc., may cause irritation to the respiratory tract

SKIN: : None expected, however, prolonged contact may cause irritation

EYES: Contact with eyes may cause irritation

INGESTION: May cause gastric distress, stomach pains, vomiting and diarrhea

CARCINOGENICITY

NTP? No

IARC (MONOGRAPHS)? No

OSHA REGULATED? No

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SECTION 4 – FIRST AID MEASURES		
INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention		
SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists seek medical attention		
EYES: Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention		
INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting		
SECTION 5 – FIRE FIGHTING MEASURES		
FLASH POINT (METHOD USED) Non-flammable	FLAMMABLE LIMITS LEL: NOT APPLICABLE	UEL: NOT APPLICABLE
GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.		AUTOIGNITION TEMPERATURE: Not Determined NFPA CLASS: none
EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam		
FIRE FIGHTING PROCEDURES: NONE		
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE		
HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes, oxides of carbon		
SECTION 6 – ENVIRONMENTAL RELEASE MEASURES		
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Confine and segregate product for reuse; place material into approved containers for disposal; for spills in excess of allowable limits (RQ) notify the National Response Center @ (800) 424-8802; refer to CERCLA 40 CFT 302 for detailed instructions		
SECTION 7 – HANDLING AND STORAGE		
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; store containers in cool, dry area. Keep this and other chemicals out of reach of children.		
SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION		
ENGINEERING CONTROLS		
The use of local exhaust ventilation and airborne particle collection is recommended. No other special controls are indicated.		
PERSONAL PROTECTION		
RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to operations such as mixing, spraying, sanding, buffing, etc. Refer to 29 CFR 1910 134 or European Standard EN 149 for regulations.		
PROTECTIVE GLOVES: Neoprene or rubber gloves		
EYE PROTECTION: Safety goggles with side shields		
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby		
WORK/HYGENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general		
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES				
VAPOR PRESSURE (MM Hg) Not Applicable		VAPOR DENSITY (AIR = 1) Not Applicable		
SPECIFIC GRAVITY (WATER = 1) 0.85-1.10		EVAPORATION RATE (WATER = 1) Not Applicable		
SOLUBILITY IN WATER Complete to > 10% w/w		FREEZING POINT Not Applicable		
pH: 9.5 (1% aqueous solution)		PHYSICAL STATE: Granular Powder		
BOILING POINT Not Applicable		APPEARANCE AND ODOR White granular powder, practically odorless		
VISCOSITY Not Applicable		VOLATILE ORGANIC COMPOUNDS (VOC) None		
SECTION 10 – STABILITY AND REACTIVITY				
STABILITY		UNSTABLE STABLE XXX		CONDITIONS TO AVOID Store in a cool dry area
INCOMPATIBILITY (Materials to Avoid) Strong oxidizers, strong acids				
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will no occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.				
HAZARDOUS POLYMERIZATION		MAY OCCUR WILL NOT OCCUR XXX		CONDITIONS TO AVOID None
SECTION 11 – TOXICOLOGICAL INFORMATION				
Hazardous Ingredients	%	CAS #	LD50 of Ingredient (Species and Route)	LC50 of Ingredient (Species and Route)
Sodium phosphate, tribasic (a)	10-30	7758-29-4	3100 mg/kg oral –rat	Not established
Sodium carbonate (Nuisance Dust)	7-13	497-19-8	4020 mg/kg	1200 mg/m ³ /2H
Sodium dodecylbenzene sulfonate (a)	10-30	25155-30-0	Not Established	Not Established
Tetrasodium phosphate	10-30	7722-88-5	Not Established	Not established
Mixture as a whole	100%	various	>5.0 g/kg oral-rat	
SECTION 12 – ECOLOGICAL INFORMATION				
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of their product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.				
SECTION 13 – DISPOSAL CONSIDERATIONS				
WASTE DISPOSAL METHODS: Dispose of in accordance with Local, State, and Federal regulations. Do not flush to waterway. Refer to "40 CFR Protection of Environment Parts 260 – 299" for disposal regulations in the US. Consult your Local, State, and Federal Environmental Protection Agency before disposing of any chemicals.				
SECTION 14 – TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Not Regulated		IATA HAZARD CLASS / Pack Group: None		
HAZARD CLASS / Pack Group: None / None		IMDG HAZARD CLASS: None		
REFERENCE: Not Applicable		RID/ADR Dangerous Goods Code: None		
IDENTIFICATION NUMBER: None		Canadian TDG Class / Division: None		
LABEL: None Required		HAZARD SYMBOLS: None		
Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 – 177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging and materials and methods of shipping.				

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SECTION 15 – REGULATORY INFORMATION																	
<p>TSCA (Toxic Substances Control Act): Components of this product are listed on the TSCA inventory</p> <p>SARA TITLE III (Superfund Amendments and Reauthorization Act) 311/312 Hazard Categories Acute Health</p> <p>313 Reportable Ingredients None</p> <p>CERCLA (Comprehensive Response Compensation and Liability Act) (a) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture = 6,000 lbs) or greater amounts, according to 40 CFR 302</p> <p>CPR (Canadian Controlled Products Regulations) This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled products Regulations</p> <p>EINECS (European Inventory of Existing Commercial Chemical Substances) Components of this product are on the European Inventory of Existing Commercial Chemical substances</p> <p>AICS (Australian Inventory of Chemical Substances) Components of this product are on the Australian Inventory of Chemical substances</p> <table style="width:100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>EC Risk Phrases</p> <p>R20 Harmful by Inhalation R36 Irritating to eyes R37 Irritating to respiratory system R38 Irritating to skin</p> </td> <td style="width: 50%; vertical-align: top;"> <p>EC Safety Phrases</p> <p>S8 Keep container dry S22 Do not breath dust S24 Avoid contact with skin S25 Avoid contact with eyes</p> </td> </tr> </table>		<p>EC Risk Phrases</p> <p>R20 Harmful by Inhalation R36 Irritating to eyes R37 Irritating to respiratory system R38 Irritating to skin</p>	<p>EC Safety Phrases</p> <p>S8 Keep container dry S22 Do not breath dust S24 Avoid contact with skin S25 Avoid contact with eyes</p>														
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SECTION 16 – OTHER INFORMATION																	
No Specific Notes																	
HMIS HAZARD RATINGS	<table style="width:100%; border: none;"> <tr> <td style="width: 25%;">HEALTH</td> <td style="width: 10%;">1</td> <td style="width: 25%;">0= insignificant</td> <td style="width: 40%;">3= high</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> <td>1= slight</td> <td>4= extreme</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2= moderate</td> <td></td> </tr> <tr> <td>PERSONAL PROTECTIVE EQUIPMENT</td> <td>B</td> <td colspan="2">Safety Glasses, Gloves</td> </tr> </table>	HEALTH	1	0= insignificant	3= high	FLAMMABILITY	0	1= slight	4= extreme	REACTIVITY	0	2= moderate		PERSONAL PROTECTIVE EQUIPMENT	B	Safety Glasses, Gloves	
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REVISION SUMMARY	This MSDS has been revised in the following sections: No revisions available																
MSDS prepared by manufacturer																	
<p>The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.</p>																	

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