

SUPERIOR MANUFACTURING

MATERIAL SAFETY DATA SHEET

MFG.CODE #

SECTION I

MANUFACTURER'S NAME SUPERIOR MANUFACTURING		EMERGENCY TELEPHONE NO. INFOTRAC 800.535.5053	
ADDRESS (Street, City, State and Zip Code) 4520 Glenmeade Ln Auburn Hills, MI 48326			
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS 215	
CHEMICAL FAMILY N/A		FORMULA N/A	

SECTION II – HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (UNITS)
Trisodium Phosphate (CAS# 7601-54-9)	>1	N/A
Sodium Metasilicate (CAS# 6834-92-0)	>1	N/A
Non-Ionic Surfactant (CAS# 68131-40-8)	>1	N/A
Dipropylene Glycol Methyl Ether (CAS# 34590-94-8)	>1	100 ppm
Sodium Hydroxide (CAS# 1310-73-2)	>1	2 mg/m3
This product contains 0.2 pounds of Sodium Hydroxide per gallon of product.		
Sodium Hydroxide is a regulated chemical under the Emergency Planning and Right-To-Know Act. You are required to file E.P.A. SARA reports once the threshold of 10,000 pounds of Sodium Hydroxide has been purchased for one location in each calendar year.		
All components of this product are listed on the E.P.A./TSCA inventory of chemical substances.		

SECTION III – PHYSICAL DATA

BOILING POINT °F	212	SPECIFIC GRAVITY (H2O = 1)	1.05
VAPOR PRESSURE (mm. Hg.)	not deter.	PERCENT VOLATILE BY VOLUME (%)	90
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (water =1)	1
SOLUBILITY IN WATER	complete	PH	13.7
APPEARANCE AND ODOR Clear green liquid with mild sweetish odor.			

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT (Method Used) None T.O.C.	FLAMMABLE LIMITS	LeI	Uel
		N/A	N/A
EXTINGUISHING MEDIA Use fire extinguishing media suitable for fighting surrounding fire.			
SPECIAL FIRE FIGHTING PROCEDURES Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

(Continued on reverse side)

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 100 ppm	PRIMARY ROUTES OF ENTRY Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (Specify)		
EFFECTS OF OVEREXPOSURE CORROSIVE MATERIAL- will cause chemical burns to all exposed tissues.			
EMERGENCY AND FIRST AID PROCEDURE Eyes- flush with copious amounts of water lifting lids and removing contact lenses to ensure complete irrigation- get medical attention. Skin- flush with water and then wash with soap and water, launder contaminated clothing before reuse- get medical attention if irritation persists. Inhalation- remove to fresh air and assist breathing as necessary- get medical attention. Ingestion- DO NOT INDUCE VOMITING- give large quantities of acidic beverages (orange or tomato juices or carbonate soft drinks)- get medical attention immediately.			
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None Known			
CARCINOGEN: No	NTP	IARC	OTHER

SECTION VI – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Freezing
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Strong Acids and Oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS Alkaline vapors in fire conditions.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Dike area to contain spill. Dilute with water and then use dilute acid solution to neutralize. Use absorbent material to soak up spill. Shovel or sweep into container for disposal.	
WASTE DISPOSAL METHOD Properly neutralized liquid (pH 6 to 9) may be disposed of in waste treatment facilities which allow discharge of neutral salt solutions. It is your duty to dispose of chemical materials in accordance with all Local, State, and Federal Regulations.	

SECTION VIII – SPECIAL PROTECTION INFORMATION

SPECIAL RESPIRATORY PROTECTION (Specify type) Use NIOSH approved respirator with full face shield where spray mists occur.						
VENTILATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">LOCAL EXHAUST To control TLV or spray</td> <td style="width: 50%;">SPECIAL N/A</td> </tr> <tr> <td>MECHANICAL (General) To control TLV</td> <td>OTHER</td> </tr> </table>	LOCAL EXHAUST To control TLV or spray	SPECIAL N/A	MECHANICAL (General) To control TLV	OTHER	
LOCAL EXHAUST To control TLV or spray	SPECIAL N/A					
MECHANICAL (General) To control TLV	OTHER					
PROTECTIVE GLOVES Impervious	EYE PROTECTION Chemical Goggles					
OTHER PROTECTIVE EQUIPMENT Impervious apron and boots, eyewash and safety shower.						

SECTION IX – SPECIAL PRECAUTIONS

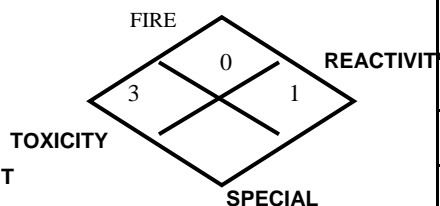
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact- wear protective clothing and wash thoroughly after using. Avoid inhalation of vapors or spray mists. Do not take internally. Avoid contact with strong acids- may cause violent chemical reaction. Avoid freezing. Keep container closed	
OTHER PRECAUTIONS when not in use. Read and follow all label instructions and cautions before using. Keep Out of Reach of Children.	

HMIS SYMBOL

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1

	HMIS	NFPA
SEVERE	4	EXTREME
SERIOUS	3	HIGH
MODERATE	2	MODERATE
SLIGHT	1	SLIGHT
MINIMAL	0	INSIGNIFICANT

NFPA SYMBOL



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SIGNATURE	
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PREPARATION DATE	August 19, 2014
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