

MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

I Chemical Product and Company Indentification	Product Code 3096343 UPC-A SCC Med	ergency (800)831-9889 dical(Collect) (303)592-1024 mtree (800)424-9300 e 09/04/2003	
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient MONOETHANOLAMINE 141-43-5 SODIUM HYDROXIDE 1310-73-2 SODIUM HYDROXIDE 1310-73-2 SODIUM HYDROXIDE 1310-73-2 Exposure Limi TWA 7.5 STE TLV-C 2		
III Haz ards Identific ation	Signs U BLINDNESS. SKIN: CORROSIVE. MAY CAUSE PERMANENT DAMAGE INCLUSED BLINDNESS INCLUS	Personal Protection D RS MAY BE IARC OSHA	
	Routes of Exposure: Inhalation \(\bar{\subset} \) Skin \(\bar{\subset} \) Ingestion \(\bar{\subset} \) Inhalation \(\bar{\subset} \) IF BREATHING IS AFFECTED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IMMEDIATELY.		
IV	Eyes IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES KEEPING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY.		
First Aid Measures	Skin FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.		
	Ingestion DO NOT INDUCE VOMITING. IMMEDIATELY DRINK ONE CUPFUL OF WATER OR MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.		
V Fire Fighting Measures	Fire Control WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING Measures/ APPARATUS SCBA IN FIRE AREA. Equipment		
	Flammable Property Info Explosion Info TOXIC FUMES OR VAPOR MAY FORM DURING FIRE. LIQUID PRODUCES HYDROGEN ON CONTACT WITH SOFT, ACTIVE METALS.		
	Extinguishing Media WATER SPRAY, CO2, FOAM OR DRY POWDER. Gases NONE		

VI Accidental Measures	Spill and Leak Clean UP Procedures CERCLA. Contain Spill. Wear protective clothing. Soak up or absorb liquid On Suitable absorbent material. Collect and place in Chemical Waste container. Dispose of in accordance with local, state, and federal regulations. Flush spill area with water. This product does not contain a reportable quantity (rq) under CERCLA. Environmental Precautions		
	Ventilation Required? YES Instructions ADEQUATE VENTILATION.		
VII	Safe Storage, AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT TASTE/SWALLOW. Handling AVOID BREATHING VAPORS OR SPRAY MISTS. REMOVE AND WASH CONTAMI-		
Handling and	and Use NATED CLOTHING AND FOOTWEAR BEFORE RE-USE. PRODUCT RESIDUE MAY		
Storage	Instructions REMAIN ON/IN EMPTY CONTAINERS. KEEP OUT OF REACH OF CHILDREN!!!		
	Imcompatible Materials ACIDS, OXIDIZING AGENTS.		
	Protective Gloves CHEMICAL RESISTANT GLOVES. NEOPRENE GLOVES.		
VIII	Eye Protection CHEMICAL SPLASH GOGGLES.		
Exposure Controls/ Personal Protection	Respiratory Protection IF MISTS/VAPORS ARE NOT ADEQUATELY CONTROLLED BY VENTILATION, USE APPROPRIATE RESPIRATORY PROTECTION TO AVOID OVER EXPOSURE.		
	Other Protective IF MAJOR EXPOSURE IS POSSIBLE, WEAR SUITABLE PROTECTIVE CLOTHING Clothing Equipment AND FOOTWEAR.		
	Characteristics o of Hazardous Chemcial		
IX	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1 17.3 pH 13.4 Water Solubility %		
Physical and Chemical Properties	Appearance & Odor CLEAR LIQUID, BLAND ODOR. Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper N/E Lower N/E		
	Flash Point NONE °F Auto Ignition °F Oxidizing Properties		
	Specific Gravity 1.1 Volatile by Volume 81 %		
	Evaporation Rate(n-Butyl Acetate=1)		
	Peroxide, Pyrophoric, Unstable or Water Reactive STABLE		
X	Reactivity and Hazardous Polymerization NONE KNOWN. Possible Hazardous Reactions		
	Conditions to Avoid		
Stability and Reactivity	Materials ACIDS, OXIDIZING AGENTS. To Avoid		
	Hazardous INCOMPLETE COMBUSTION FORMS; OXIDES OF CARBON. Decomposition Products		
XI Toxicological Information	TOXICOLOGICAL TESTING HAS NOT BEEN PERFORMED.		
XII	Possible Effects and Environmental Fate NO DATA AVAILABLE		
Ecological Information	Degradability		
Information	Aquatic Toxicity Method of CONCENTRATED PRODUCT IS CONSIDERED TO BE D002-CORROSIVE, IF		
XIII Disposal Consideration	Disposal, Residues and Safe Handling DECLARED HAZARDOUS WASTE. SPENT OR EXCESS PRODUCT IS HAZARDOUS WASTE. DO NOT DISCHARGE TO SEWER OR ENVIRONMENT. ARRANGE DISPOSAL THROUGH A LICENSED DISPOSAL COMPANY OR TREAT BY SPECIAL WASTE DISPOSAL SHEET. RECYCLE OR DISPOSE OF CONTAINERS BY PRODUCT LABELING OR GOVERNMENTAL REGULATIONS.		
	Disposal of Contaminated Material INCOMPLETE COMBUSTION FORMS; OXIDES OF CARBON.		
XIV Transport Information	SODIUM HYDROXIDE SOLUTION, 8, UN1824, PG II, ERG NO. 60, NAERG NO. 154		
XV-Regulatory Information XVI-Other Information			
S.A.R.A.	NONE		
Title III Section 313	NONE		
State Right to Know Information	WATER - CAS #7732-18-5 SODIUM HYDROXIDE - CAS #1310-73-2 MONOETHANOLAMINE - CAS #141-43-5		