



## MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

Ŧ	Product Name RESOURCE							Emergency (800)831-9889			
Ι	Product Code 08305470 UPC-A 774205560545 SCC							Medical(Collect) (303)592-1024			
Chemical Product and Company	Manufacturer	Annufacturer JOHNSONDIVERSEY INC.						Chemtree (800)424-			24-9300
Indentification	3630 E. KEMPER RD CINCINNATI, OH 45241-2046							06/14/1996			
	Chemical Family	ALKALINE									
	•			-		%	Exposur	e Limits			Units
	Chemical Name of Hazardous Ingredient%SODIUM HYDROXIDE (1310-73-2)48				-	TLV 2; PEL 2 (CEILING) MG/N					
Π											
Composition/ Information on Ingredients											
	A       CAUSES BURNS TO EYES AND SKIN, INHALATION OF MISTS         OR DUSTS IRRITATES OR CAUSES BURNS TO RESPIRATORY         Signs       U         and       E         Symptoms       C										
	of H	of H NO KNOWN HAZARDS									
III	Exposure o										
Haz ards	I     I       HMIS:     Health 3       Flammability     0       Reactivity     1       Personal Protection       D										
Identification								]			
	Conditions Aggrav	Conditions Aggravated SENSITIVE SKIN, DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.									
								(	OSHA		
	Skin x	I I	ngestio	n X							
	Inhalation <b>REM</b>	IOVE TO FRES	SH AIR. GET	Γ MEDICAL	ATTEN	FION.					
IV	Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYES ARE INJURED OR IRRITATION PERSISTS.										
First Aid Measures											
	Ingestion GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.										
V	Fire Control Measures/ Equipment	WEAR FULL APPARATUS				F-CON	TAINED	BREATHING			
	Flammable Property Info										
Fire Fighting Measures	Explosion Info LIQUID CORROSIVE MATERIAL										
	Extinguishing Media WATER SPRAY, CO2, DRY CHEMICAL										
	Gases										

VI Accidental Measures	Spill and Leak       CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS.         Procedures       CERCLA PRODUCT RQ = 2,083 LBS. OR 164 GALLONS										
	Environmental Precautions										
	Ventilation Required? TLV LEVEL Instructions MAINTAIN PEL/TLV										
VII Handling and Storage	Safe Storage, HandlingSTORE IN COOL, DRY PLACE. KEEP OUT OF THE REACH OF CHILDREN.HandlingEXPOSURE TO REDUCING SUGARS FORMS CO. KEEP AWAY FROM ACIDS.and UseWHEN DILUTING, ADD AND STIR SLOWLY TO AVOID VIOLENT SPATTERINGInstructionsAND HEAT GENERATION. STORE ABOVE 40 DEGREES F.										
	Imcompatible Materials										
	Protective Gloves RUBBER/CHEMICAL RESISTANT										
VIII	Eye Protection         CHEMICAL GOGGLES, SIDE SHIELD SAFETY GLASSES, OR FACE SHIELD										
Exposure Controls/ Personal Protection	Respiratory Protection     WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST, SPRAY, OR DUSTY CONDITIONS.										
	Other ProtectiveWEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDER CLOTHESClothing EquipmentBEFORE REUSE. SAFETY SHOWER/EYE WASH.										
IX Physical and Chemical	Characteristics o of Hazardous Chemcial										
	Vapor Pressure 4 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 %										
	Appearance & Odor       LIGHT YELLOW, VISCOUS LIQUID; MILD DETERGENT ODOR         Boiling Point       °F       Melting Point       °F       Flammability Limits in Air By Volume: Upper NONE       Lower NONE										
Properties	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties										
	Specific Gravity 1.52 Volatile by Volume 52 %										
	Evaporation Rate(n-Butyl Acetate=1) >1										
	Peroxide, Pyrophoric, Unstable or Water Reactive LOW										
X	Reactivity and Hazardous Polymerization NONE Possible Hazardous Reactions										
	Conditions to Avoid										
Stability and Reactivity	Iaterials       FLAMMABLE LIQUIDS, ACIDS, ORGANIC HALOGENS, ALUMINUM,         o Avoid       AND SOFT METALS.										
	Hazardous OXIDES OF CARBON, HYDROGEN UPON CONTACT WITH ALUMINUM Decomposition Products										
XI Toxicological Information											
XII	Possible Effects and Environmental Fate										
Ecological Information	Degradability										
	Aquatic Toxicity Method of CORROSIVE MATERIAL - D004 RCRA HAZARDOUS.										
XIII Disposal Consideration	Disposal, Residues and Safe TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING, Handling RECYCLING, OR DISPOSAL OF CONTAINER.										
	Disposal of OXIDES OF CARBON, HYDROGEN UPON CONTACT WITH ALUMINUM										
XIV	SODIUM HYDROXIDE SOLUTION, 8, UN1824, PG II, ERG#60, NAERG#154										
Transport Information											
XV-Regulatory Information											
XVI-Other Information	SODIUM HVDDOVIDE (1310.73.2) HAS NOT BEEN SADA 313 DEDODTARI E										
S.A.R.A. Title III Section 313	SODIUM HYDROXIDE (1310-73-2) HAS NOT BEEN SARA 313 REPORTABLE SINCE 1989. ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.										
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 WATER - CAS #7732-18-5 SODIUM GLUCONATE - CAS #527-07-1 ALKYL GLUCOSIDE - CAS #68515-73-1										