JohnsonDiversey



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

I Chemical Product and Company Indentification	Product Name Product Code Manufacturer	Product Code 00224040 UPC-A 774205550799 SCC							y Collect)	(303) (800)	(800)831-9889 (303)592-1024 (800)424-9300 12/16/1999	
	Chemical Family	LIQUID LA	UNDRY D	ETERGE	INT							
II Composition/ Information on Ingredients	Chemical Name of SODIUM HYDRO TRISODIUM NIT (5064-31-3)	OXIDE (1310-7.	3-2)			% 20 6		e Limits 2; PEL C 2 STABLISHI	ED		Units MG/M3	
III Haz ards Identific ation	Signs A U and CORROSIVE TO SKIN AND EYES, MAY CAUSE DESTRUCTION OF TISSUES ON CONTACT. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED. of H Exposure CONTAINS NTA SALTS THAT ARE REPORTED IN HIGH DOSES IN ANIMAL TESTS TO CAUSE CANCER. NTA HAS NOT BEEN REPORTED TO CAUSE CANCER IN HUMANS. HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D Conditions Aggravited SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION D											
	Target Organs or System											
IV	Routes of Exposure: Inhalation Skin Ingestion Ingestion Inhalation IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT. Eyes FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.											
First Aid Measures	WAS	Skin FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN AREAS.										
	Ingestion GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.											
V	Fire Control WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. Measures/ Equipment Flammable Property Info											
Fire Fighting Measures	Explosion Info NONE - CORROSIVE LIQUID. CONTACT WITH ALUMINUM CAUSES SEVERE CORROSION AND RELEASES HYDROGEN GAS.											
	Extinguishing Media CO2, FOAM, DRY CHEMICALS											
	Gases											

VI Accidental Measures	Spill and LeakSTOP LEAK AND CONTAIN SPILLED MATERIAL. FLUSH SMALL AMOUNTS TO DRAIN AFTER NEUTRALIZATION WITH DILUTE MINERAL ACIDS. COLLECT AND RETURN LARGE AMOUNTS TO AN APPROPRIATE COVERED CONTAINER. 											
	CERCLA RQ = 5,000 LBS OR 507 GAL											
	Environmental Precautions											
	Ventilation Required? NO Instructions NORMAL AIR DILUTION											
VII Handling and Storage	Safe Storage, HandlingDO NOT PRESSURE CONTAINER TO EMPTY. KEEP AWAY FROM ACIDS. KEEPHandling and Use InstructionsCONTAINER CLOSED. DILUTE PRODUCT VERY SLOWLY. USE ONY IN IN STAINLESS STEEL MACHINES. CORROSIVE TO OTHER SOFT METALS.											
	Imcompatible Materials											
	Protective Gloves ALKALI RESISTANT, RUBBER, OR PVC											
VIII	Eye Protection FACE SHIELD, SAFETY GLASSES WITH SIDE SHIELD, SPLASH GOGGLES											
Exposure Controls/ Personal Protection	Respiratory NIOSH ALKALINE RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED. Protection Protection											
	Other ProtectiveCHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETYClothing EquipmentSHOWER/EYE WASH IN USE AREA.											
	Characteristics o of Hazardous Chemcial											
IX	Vapor Pressure 20.0 MmHg@ 20 °C Vapor Density(Air=1 >1 pH Water Solubility 100 %											
Physical and Chemical	Appearance & Odor WHITE TO TAN OPAQUE LIQUID; MILD ODOR											
Properties	Boiling Point 248 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties											
	Specific Gravity 1.185 Volatile by Volume 54 %											
	Evaporation Rate(n-Butyl Acetate=1) >1											
	Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE											
	Reactivity and Hazardous Polymerization NONE											
Х	Possible Hazardous Reactions											
Stability and	Conditions to Avoid											
Reactivity	Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, To Avoid STRONG ACIDS CAUSE VIOLENT REACTIONS AND HYDROGEN GAS. Hazardous CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT											
XI	Hazardous CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT Decomposition Products CONTACTS ALUMINUM.											
Toxicological Information												
XII Ecological Information	Possible Effects and Environmental Fate											
	Degradability											
	Aquatic Toxicity											
XIII Disposal Consideration	Method of Disposal, Residues and MandlingCONTAINS NO PHOSPHATES; PH ADJUSTMENT BEFORE DISPOSAL. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER. DISPOSE IN A MANNER CONSISTENT WITH LOCAL, STATE AND FEDERAL REGULATIONS. Solutions MAY BE TOXIC TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS.											
	Disposal of Contaminated Material CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT CONTACTS ALUMINUM.											
XIV Transport Information	CORROSIVE LIQUID,BASIC,INORGANIC,N.O.S.,(SODIUM HYDROXIDE),8,UN3266,PG II, ERG#60, NAERG#154											
XV-Regulatory Information XVI-Other Information												
S.A.R.A.	NONE											
Title III Section 313	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.											
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3 WATER - CAS #7732-18-5 ETHOXYLATED ALCOHOL SURFACTANT - CAS #68002-97-1 LINEAR ALCOHOL (MIXED SURFACTANT) - CAS #159653-48-2											