

I Chemical Product and Company Identification	Product Name LOW ENERGY DETERGENT III		Emergency (800)831-9889	
	Product Code 09307100 UPC-A 774205552380 SCC		Medical(Collect) (303)592-1024	
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300	
	Date 12/16/1999			
Chemical Family LIQUID MACHINE DETERGENT				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	
	SODIUM HYDROXIDE (1310-73-2)	<20	TLV 2; PEL 2	
			Units MG/M3	
III Hazards Identification	Signs and Symptoms of Exposure	CORROSIVE. CAUSES SEVERE BURNS TO SKIN AND EYES. MIST ARE CORROSIVE TO SKIN AND EYES AND RESPIRATORY TRACT		
		NO KNOWN HAZARDS		
	HMIS: Health	3	Flammability	0
	Reactivity	0	Personal Protection	A
	Conditions Aggravated	SENSITIVE SKIN. PROLONGED CONTACT MAY CAUSE DRYNESS OR DERMATITIS.		
	Carcinogen Info	NOT CARCINOGENIC	NTP	IARC OSHA
Target Organs or System				
Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>				
IV First Aid Measures	Inhalation	REMOVE TO FRESH AIR.		
	Eyes	IMMEDIATELY FLUSH WITH PLENTY OF FRESH WATER. GET MEDICAL ATTENTION.		
	Skin	FLUSH WITH PLENTY FO WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.		
	Ingestion	DRINK SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.		
V Fire Fighting Measures	Fire Control Measures/ Equipment	WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.		
	Flammable Property Info			
	Explosion Info	RESIDUE MAY BURN IF HEATED TO DRYNESS		
	Extinguishing Media	WATER SPRAY, CO2, DRY CHEMICAL		
	Gases			

VI Accidental Measures	Spill and Leak Clean UP Procedures CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. CERCLA PRODUCT R.Q.: NOT ESTABLISHED
	Environmental Precaution:
VII Handling and Storage	Ventilation Required? NONE Instructions USUALLY NOT REQUIRED
	Safe Storage, Handling and Use Instructions STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM ACIDS. KEEP FROM FREEZING. WHEN NOT IN USE KEEP CONTAINER LID CLOSED.
	Incompatible Materials
VIII Exposure Controls/ Personal Protection	Protective Gloves USUALLY NOT REQUIRED.
	Eye Protection SIDE SHIELD SAFETY GLASSES OR CHEMICAL GOGGLES
	Respiratory Protection USUALLY NOT REQUIRED
	Other Protective Clothing Equipment CLOTHING TO PREVENT PROLONGED SKIN CONTACT. EYE WASH IN USE AREA
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical
	Vapor Pressure 1.02 MmHg@ 15 °C Vapor Density(Air=1) N/A pH Water Solubility 100 %
	Appearance & Odor OPAQUE, WHITE LIQUID
	Boiling Point 235 °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 Volatile by Volume 0 %
	Evaporation Rate(n-Butyl Acetate=1)
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive N/A
	Reactivity and Hazardous Polymerization NONE KNOWN
	Possible Hazardous Reactions
	Conditions to Avoid
	Materials To Avoid OXIDES OF CARBON WITH THERMAL COMBUSTION.
	Hazardous Decomposition Products ACIDS, OXIDIZING MATERIALS, ANIONIC SURFACTANTS
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling EMPTY CONTAINER. TRIPLE RINSE WITH WATER AND ADD RINSATE TO PROCESS. DEFACE LABEL BEFORE DISPOSIG OR SELLING CONTAINERS. RECYCLE OR DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. NOT A RCRA HAZARDOUS WASTE. NO REPORTABLE QUANTITY HAS BEEN ESTABLISHED FOR PRODUCT.
	Disposal of Contaminated Material ACIDS, OXIDIZING MATERIALS, ANIONIC SURFACTANTS
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. Title III Section 313	
State Right to Know Information	SODIUM HYDROXIDE- CAS #1310-73-2 SODIUM ETHYLIDENE DIPHOSPHONATES- CAS #2809-21-4 POLYACNYLATE- CAS #159653-48-2 SODIUM GLUCONATE- CAS #527-07-1