

I Chemical Product and Company Identification	Product Name <b>ADVANCE DEGREASER</b>		Emergency <b>(800)831-9889</b>	
	Product Code <b>09757280</b> UPC-A <b>363652090004</b> SCC <b>00363652090011</b>		Medical(Collect) <b>(303)592-1024</b>	
Manufacturer <b>JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046</b>		Chemtree <b>(800)424-9300</b>		
		Date <b>05/31/2000</b>		
Chemical Family <b>HEAVY DUTY DEGREASER</b>				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units
	<b>2-BUTOXYETHANOL (111-76-2)</b>	<b>10</b>	<b>TLV 120 S; PEL 120 S</b>	<b>MG/M3</b>
	<b>SODIUM HYDROXIDE (1310-73-2)</b>	<b>5</b>	<b>TLV C 2; PEL C 2</b>	<b>MG/M3</b>
III Hazards Identification	Signs and Symptoms of Exposure <b>CAUSES BURNS TO EYES AND SKIN. HARMFUL IF SWALLOWED.</b>			
	<b>SAME AS ACUTE</b>			
	HMIS: Health <b>3</b> Flammability <b>0</b> Reactivity <b>0</b> Personal Protection <b>C</b>			
	Conditions Aggravated <b>SENSITIVE SKIN AND EYES. MAY AGGRAVATE RESPIRATORY DISEASE.</b>			
	Carcinogen Info <b>NONE</b> 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 <b>REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.</b>			
	Eyes <b>FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.</b>			
	Skin <b>FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION FOR INJURED SKIN.</b>			
	Ingestion <b>GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.</b>			
V Fire Fighting Measures	Fire Control Measures/ Equipment <b>WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.</b>			
	Flammable Property Info			
	Explosion Info <b>CORROSIVE OR STRONGLY ALKALINE LIQUID. CONCENTRATE PRODUCT SOLUTION IN CONTACT WITH ALUMINUM RELEASES HYDROGEN GAS.</b>			
	Extinguishing Media <b>CO2, FOAM, DRY CHEMICALS, WATER</b>			
	Gases			

VI Accidental Measures	Spill and Leak Clean UP Procedures	<b>STOP LEAKS AND CONTAIN SPILLS. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS OR SODIUM BICARBONATE AND FLUSH AREA WITH WATER.</b>			
		<b>CERCLA PRODUCT RO = 8,333 LBS OR 943 GALLONS</b>			
VII Handling and Storage	Environmental Precaution:	Ventilation Required? <b>NO</b> Instructions <b>ADEQUATE VENTILATION</b>			
	Safe Storage, Handling and Use Instructions	<b>KEEP CONTAINER CLOSED. KEEP AWAY FROM ACIDS. DO NOT STORE WITH FOOD. KEEP OUT OF THE REACH OF CHILDREN.</b>			
	Imcompatible Materials				
VIII Exposure Controls/ Personal Protection	Protective Gloves	<b>ALKALI RESISTANT</b>			
	Eye Protection	<b>FACE SHIELD, SIDE SHIELD SAFETY GLASSES</b>			
	Respiratory Protection	<b>USUALLY NOT REQUIRED. WEAR NIOSH ALKALINE CARTRIDGE RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.</b>			
	Other Protective Clothing Equipment	<b>EYE WASH/ SAFETY SHOWER. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.</b>			
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical				
	Vapor Pressure	<b>17.5</b>	MmHg@	<b>20</b>	°C
	Vapor Density(Air=1)	<b>N/A</b>		pH	
	Water Solubility	<b>100</b> %			
	Appearance & Odor	<b>CLEAR LIGHT BROWN LIQUID; SOLVENT ODOR</b>			
	Boiling Point	<b>215</b>	°F	Melting Point	°F
	Flash Point	<b>NONE</b>	°F	Auto Ignition	<b>N/A</b> °F
X Stability and Reactivity	Flammability Limits in Air By Volume: Upper <b>NONE</b> Lower <b>NONE</b>				
	Oxidizing Properties				
	Specific Gravity	<b>1.06</b>		Volatile by Volume	<b>90</b> %
	Evaporation Rate(n-Butyl Acetate=1) <b>&lt;1</b>				
XI Toxicological Information	Peroxide, Pyrophoric, Unstable or Water Reactive <b>NONE</b>				
	Reactivity and Hazardous Polymerization <b>NONE</b>				
	Possible Hazardous Reactions				
	Conditions to Avoid				
	Materials To Avoid	<b>FLAMMABLE LIQUIDS, ORGANIC HALOGENS, CONCENTRATED ACIDS, OR SOFT METALS.</b>			
	Hazardous Decomposition Products	<b>OXIDES OF CARBON</b>			
XII Ecological Information	Possible Effects and Environmental Fate				
	Degradability				
	Aquatic Toxicity				
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	<b>USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER. EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. ADJUST PH; CONTAINS NO PHOSPHORUS.</b>			
		<b>ALL CHEMICAL COMPOUNDS ARE ON TSCA INVENTORY.</b>			
XIV Transport Information	Disposal of Contaminated Material	<b>OXIDES OF CARBON</b>			
		<b>CORROSIVE LIQUID,BASIC,INORGANIC,N.O.S.,(SODIUM HYDROXIDE),8,UN3266,PG II, ERG#60, NAERG#154</b>			
XV-Regulatory Information					
XVI-Other Information					
S.A.R.A. Title III Section 313	<b>CONTAINS 2-BUTOXYETHANOL(CAS#111-76-2) AT 10%</b>				
State Right to Know Information	<b>WATER- CAS#7732-18-5 ETHYLENE GLYCOL BUTYL ETHER- CAS#111-76-2 SODIUM HYDROXIDE- CAS#1310-73-2 SODIUM ALPHA OLEFIN SULFONATE- CAS#68439-57-6 SODIUM GLUCONATE- CAS#527-07-1</b>				