

I Chemical Product and Company Identification	Product Name ADVANCE DEGREASER		Emergency (800)831-9889	
	Product Code 65209000 UPC-A 363652090004 SCC 10363652090001		Medical(Collect) (303)592-1024	
Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300		
		Date 05/31/2000		
Chemical Family HEAVY DUTY DEGREASER				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units
	2-BUTOXYETHANOL (111-76-2)	10	TLV 120 S; PEL 120 S	MG/M3
	SODIUM HYDROXIDE (1310-73-2)	5	TLV C 2; PEL C 2	MG/M3
III Hazards Identification	Signs and Symptoms of Exposure CAUSES BURNS TO EYES AND SKIN. HARMFUL IF SWALLOWED.			
	SAME AS ACUTE			
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection C			
	Conditions Aggravated SENSITIVE SKIN AND EYES. MAY AGGRAVATE RESPIRATORY DISEASE.			
	Carcinogen Info NONE 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. GET MEDICAL ATTENTION.			
	Eyes	FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.		
	Skin	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.		
	Ingestion	GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.		
V Fire Fighting Measures	Fire Control Measures/ Equipment	WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.		
	Flammable Property Info			
	Explosion Info	CORROSIVE OR STRONGLY ALKALINE LIQUID. CONCENTRATE PRODUCT SOLUTION IN CONTACT WITH ALUMINUM RELEASES HYDROGEN GAS.		
	Extinguishing Media	CO2, FOAM, DRY CHEMICALS, WATER		
	Gases			

VI Accidental Measures	Spill and Leak Clean UP Procedures	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.			
		CERCLA PRODUCT RO = 8,333 LBS OR 943 GALLONS			
VII Handling and Storage	Environmental Precaution:	Ventilation Required? NO Instructions ADEQUATE VENTILATION			
	Safe Storage, Handling and Use Instructions	KEEP CONTAINER CLOSED. KEEP AWAY FROM ACIDS. DO NOT STORE WITH FOOD. KEEP OUT OF THE REACH OF CHILDREN.			
	Imcompatible Materials				
VIII Exposure Controls/ Personal Protection	Protective Gloves	ALKALI RESISTANT			
	Eye Protection	FACE SHIELD, SIDE SHIELD SAFETY GLASSES			
	Respiratory Protection	USUALLY NOT REQUIRED. WEAR NIOSH ALKALINE CARTRIDGE RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.			
	Other Protective Clothing Equipment	EYE WASH/ SAFETY SHOWER. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.			
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical				
	Vapor Pressure	17.5	MmHg@	20	°C
	Vapor Density(Air=1)	N/A		pH	
	Water Solubility	100		%	
	Appearance & Odor	CLEAR LIGHT BROWN LIQUID; SOLVENT ODOR			
	Boiling Point	215	°F	Melting Point	°F
	Flash Point	NONE	°F	Auto Ignition	N/A
X Stability and Reactivity	Flammability Limits in Air By Volume: Upper NONE Lower NONE				
	Oxidizing Properties				
	Specific Gravity	1.06		Volatile by Volume	90
			%		
X Stability and Reactivity	Evaporation Rate(n-Butyl Acetate=1) <1				
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE				
	Reactivity and Hazardous Polymerization NONE				
	Possible Hazardous Reactions				
	Conditions to Avoid				
	Materials To Avoid	FLAMMABLE LIQUIDS, ORGANIC HALOGENS, CONCENTRATED ACIDS, OR SOFT METALS.			
XI Toxicological Information	Hazardous Decomposition Products				
	OXIDES OF CARBON				
XII Ecological Information	Possible Effects and Environmental Fate				
	Degradability				
	Aquatic Toxicity				
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	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.			
		ALL CHEMICAL COMPOUNDS ARE ON TSCA INVENTORY.			
XIV Transport Information	Disposal of Contaminated Material	OXIDES OF CARBON			
	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	CONTAINS 2-BUTOXYETHANOL(CAS#111-76-2) AT 10%				
State Right to Know Information	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				