



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name ADVANCE DEGREASER			Emergency (800)831-9889
	Product Code 09757280 UPC-A 363652090004 SCC 00363652090011			Medical(Collect) (303)592-1024
	Manufacturer JOHNSON DIVERSEY 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 2-BUTOXYETHANOL (111-76-2)	% 10	Exposure Limits TLV 120 S; PEL 120 S	Units MG/M3
	SODIUM HYDROXIDE (1310-73-2)	5	TLV C 2; PEL C 2	MG/M3
III Hazards Identification	Signs and Symptoms of Exposure	ACUTE CAUSES BURNS TO EYES AND SKIN. HARMFUL IF SWALLOWED. CHRONIC 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 ☒ Skin ☒ Ingestion ☒			
	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.											
VIII Exposure Controls/Personal Protection	Incompatible Materials												
	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.											
IX Physical and Chemical Properties	Other Protective Clothing Equipment	EYE WASH/ SAFETY SHOWER. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.											
	Characteristics 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	Flammability Limits in Air By Volume: Upper		NONE	Lower	NONE		
	Flash Point	NONE	°F	Auto Ignition	N/A	°F	Oxidizing Properties						
	Specific Gravity					1.06	Volatile by Volume					90	%
	Evaporation Rate(n-Butyl Acetate=1)						<1						
X Stability and Reactivity	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.											
	Hazardous Decomposition Products	OXIDES OF CARBON											
XI Toxicological Information													
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												