



MATERIAL SAFETY DATA SHEET

Printed: 02/06/2004

I Chemical Product and Company Identification	Product Name ADVANCE DELIMER			Emergency (800)831-9889	
	Product Code 65211000 UPC-A 363652110009 SCC 10363652110006			Medical(Collect) (303)592-1024	
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046			Chemtree (800)424-9300 Date 03/08/1999	
	Chemical Family LIQUID ACID DELIMER				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient PHOSPHORIC ACID (7664-38-2)		% 33	Exposure Limits TLV 1; PEL 1; STEL 3	Units MG/M3
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E	MAY CAUSE BURNS TO SKIN AND EYES. MISTS ARE IRRITATING TO SKIN, EYES, AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED.		
		C H R O N I C	SAME AS ACUTE		
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D				
	Conditions Aggravated SENSITIVE SKIN. MISTS MAY INTENSIFY PULMONARY OR RESPIRATORY CONDITIONS.				
	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	IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.			
	Skin	PROMPTLY FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR INJURED SKIN.			
	Ingestion	GIVE 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	NONE KNOWN.			
	Flammable Property Info				
	Explosion Info	NONE KNOWN			
	Extinguishing Media WATER, WATER FOG				
	Gases				

VI Accidental Measures	Spill and Leak Clean UP Procedures STOP LEAKS AND CONTAIN SPILL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI (SODIUM CARBONATE) AND FLUSH AREA WITH WATER. CERCLA PRODUCT RQ = 25,000 LBS OR 2,676 GALLONS				
	Environmental Precaution:				
VII Handling and Storage	Ventilation Required? YES Instructions NORMAL AIR DILUTION				
	Safe Storage, Handling and Use Instructions DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. DO NOT STORE WITH FOOD. KEEP OUT OF REACH OF CHILDREN.				
	Incompatible Materials				
VIII Exposure Controls/ Personal Protection	Protective Gloves ACID RESISTANT, RUBBER, OR PVC				
	Eye Protection SAFETY GOGGLES OR FACE SHIELD				
	Respiratory Protection IF PEL/TLV IS EXCEEDED, USE NIOSH APPROVED ACID CARTRIDGE VAPOR RESPIRATOR OR AIR RESPIRATOR WITH FULL FACE PIECE.				
	Other Protective Clothing Equipment WEAR CHEMICAL APRON WHEN HANDLING WITH IMPERVIOUS CLOTHING AND FOOTWEAR. SAFETY SHOWER/EYE WASH.				
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical				
	Vapor Pressure 22.8 MmHg@ 20 °C		Vapor Density(Air=1) >1		pH
	Water Solubility 100 %				
	Appearance & Odor CLEAR DARK BROWN LIQUID; MILD ACIDIC ODOR				
	Boiling Point 212 °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 1.12		Volatile by Volume 80 %		
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 CONCENTRATED ALKALIS, CHLORINATED MATERIALS, SOFT METALS				
	Hazardous Decomposition Products NONE KNOWN				
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 CONTAINER 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 PHOSPHORUS.				
	Disposal of Contaminated Material NONE KNOWN				
XIV Transport Information	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (PHOSPHORIC ACID),8, UN3264,PG III, LTD. QTY., ERG NO. 60, NAERG NO. 154				
XV-Regulatory Information					
XVI-Other Information					
S.A.R.A. Title III Section 313	THIS PRODUCT CONTAINS PHOSPHORIC ACID (7664-38-2) AT 33%, WHICH IS SARA REPORTABLE.				
State Right to Know Information	WATER - CAS #7732-18-5 PHOSPHORIC ACID - CAS #7664-38-2 ETHOXYLATED ALCOHOL - CAS #69227-21-0 CARMEL COLOR - CAS #8028-89-5				