

MATERIAL SAFETY DATA SHEET

Effective: 03/18/1997

I-Chemical Product and Company Identification	Product Name L/S/R		Emergency (800)831-9889	
	Product Code 02791278		Medical/Collect (303)592-1024	
II-Composition/Information on Ingredients	Distributor	DiverseyLever Institutional	UPC#	7-74205-55025-6
	Manufacturer	JOHNSONDIVERSEY INC.	SCC#	10-7-74205-55025-3
	3630 E. KEMPER RD		OH	45241-2046
	CINCINNATI		Printed 09/27/2002	
Chemical Family LIQUID ACIDIC DE-SCALER				
III-Hazards Identification	Chemical Name of Hazardous Ingredient		%	Exposure Limits
	HYDROGEN CHLORIDE (7647-01-0)		<2	TLV C 5; PEL C 5
IV-First Aid Measures	PHOSPHORIC ACID (7664-38-2)		<30	TLV 1; PEL 1; ST 3
	Signs and Symptoms of Exposure	Acute	CORROSIVE TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT.	
			Chronic	SAME AS ACUTE
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D			
	Conditions Aggravated SENSITIVE SKIN AND EYES			
	Carcinogen Info NONE NTP TARC OSHA			
	Target Organs or Systems			
	Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/>			
	Inhalation REMOVE TO FRESH AIR.			
	Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.			
Skin FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.				
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 NONE			
	Measures/Equipment			
	Flammable Property Info			
	Explosion Info NONE			
	Extinguishing Media CO2, FOAM			
Gases				

Send To:



JohnsonDiversey
Clean is just the beginning

02791278 L/S/R

VI-Accidental Measures	Spill and Leak Clean Up Procedures WIPE UP SMALL AMOUNTS. RESTRICT LARGE AMOUNTS AND NEUTRALIZE WITH BICARBONATE OF SODA. PUT RESIDUE INTO SOLID WASTE. REPORTABLE QUANTITY (R.Q.) OF PRODUCT: 15,873 LBS. OR 1,600 GAL. Environmental Precautions		
VII-Handling and Storage	Ventilation Required? YES Instructions PRODUCING NORMAL AIR DILUTION Safe Storage, DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. Handling and Use Instructions KEEP CAP ON CONTAINER. Incompatible Materials		
VIII-Exposure Controls/Personal Protection	Protective Gloves ACID RESISTANT Eye Protection GOGGLES WHEN POURING Respiratory Protection IF PEL/TLV MAY BE EXCEEDED, USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR WITH A HIGH EFFICIENCY PARTICULATE FILTER. Other Protective Clothing/Equipment WEAR CHEMICAL APRON WHEN HANDLING		
IX-Physical and Chemical Properties	Characteristics of Hazardous Chemical Vapor Pressure 7.5 mmHg 20 °C Vapor Density (Air=1) N/A pH Water Solubility 100 % Appearance & Odor CLEAR RED LIQUID; PUNGENT ODOR Boiling Point 215 °F Melting Point -10 °F Flammability Limits in Air by Volume: Upper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties Specific Gravity 1.19 Volatile by Volume 60 % 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 CONCENTRATED ALKALIS, REACTIVE METALS Hazardous Decomposition Products HCL, CO WITH INCOMPLETE COMBUSTION		
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 LABEL BEFORE SELLING CONTAINER OR DISPOSAL. ALL CHEMICAL COMPONENTS ARE ON TSCA INVENTORY. Disposal of Contaminated Material		
XIV-Transport Information	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (PHOSPHORIC ACID, HYDROCHLORIC ACID), 8, UN3264, PG II, ERG NO. 60, NAERG NO. 154		
XV-Regulatory Information			
XVI-Other Information			
SARA Title II, Section 313	THIS PRODUCT CONTAINS THESE SARA TITLE III SECTION 313 CHEMICALS AS INGREDIENTS IN THE FOLLOWING CONCENTRATIONS: HYDROCHLORIC ACID (CAS #7647-01-0) AT 1.9% AND PHOSPHORIC ACID (CAS #7664-38-2) AT 30%.		
State Right to Know Information	PHOSPHORIC ACID - CAS #7664-38-2 HYDROCHLORIC ACID - CAS #7647-01-0 WATER - CAS #7732-18-5 PRRTK6		