

MATERIAL SAFETY DATA SHEET

Printed 07/30/2002

	I	WIATERIAL SAFET					IIIIeu	07/30/200	
Ţ	Product Name DIVERSEY ROTATE PLUS					Emergency (800)831-9889			
I Chemical Product and Company	Product Code 08627100 UPC-A 774205550973 SCC					Medical(Collect) (303)592-1024)592-1024	
	Manufacturer JOHNSONDIVERSEY INC.				Chemtree (800)424-93)424-9300		
Indentification	3630 E. KEMPER RD CINCINNATI, OH 45241-2046					Date 11/22/1993			
	Chemical Family LIQUID MACHINE DISHWASHING COMPOUND								
	Chemical Name of	Hazardous Ingredient		%	Exposure	e Limits		Units	
	POTASSIUM HYDROXIDE (1310-58-3)					·		MG/M3	
II	SODIUM HYPOCHLORITE (7681-52-9)			<2 NOT ESTABLISHED					
Composition/ Information on Ingredients	(1002 02 5)								
	Signs of H Exposure R Same As ACUTE CAUSESE BURNS TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES, AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED. SAME AS ACUTE								
III	Exposure 0 N I								
Hazards Identification	С								
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D Conditions Aggravated SENSITIVE SKIN AND EYES; MAY AGGRAVATE RESPIRATORY DISEASE.								
	Carcinogen Info	NONE				NTP IARC		OSHA	
	Target Organs or System								
	Routes of Exposure: Inhalation \(\Sigma \) Skin \(\Boxed \) Ingestion \(\Sigma \)								
	Inhalation N/A IN NORMAL OPERATION								
IV	Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.								
First Aid Measures	Skin FLUSH WITH FRESH 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 WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. Measures/ Equipment								
	Flammable Proper	y Info							
	Explosion Info CORROSIVE LIQUID. CONTACT WITH ALUMINUM CAUSES SEVERE CORROSION AND RELEASES HYDROGEN GAS.								
	Extinguishing Media CO2, FOAM, DRY CHEMICALS								
	Gases								

VI Accidental Measures	Spill and Leak Clean UP Procedures CERCLA PRODUCT RQ = POTASSIUM HYDROXIDE - 6,060 LBS OR 589 GAL; SODIUM HYPOCHLORITE - 7,692 LBS OR 748 GAL 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 AND FLUSH AREA WITH WATER. CERCLA PRODUCT RQ = POTASSIUM HYDROXIDE - 6,060 LBS OR 589 GAL; SODIUM HYPOCHLORITE - 7,692 LBS OR 748 GAL							
	Ventilation Required? NO Instructions YES, DISHWASHER							
VII Handling and Storage	Safe Storage, Handling and Use Instructions Instructions YES, DISHWASHER DO NOT PRESSURE CONTAINER TO EMPTY. KEEP COOL. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP OUT OF REACH OF CHILDREN.							
	Imcompatible Materials							
VIII Exposure Controls/ Personal Protection	Protective Gloves RUBBER, PVC, OR CHEMICAL RESISTANT							
	Eye Protection FACE SHIELD							
	Respiratory NONE Protection							
	Other Protective SAFETY SHOWER/EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING AND Clothing Equipment FOOTWEAR TO PREVENT SKIN CONTACT.							
	Characteristics o of Hazardous Chemcial							
IX	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 % Appearance & Odor LIGHT YELLOW LIQUID; HYPOCHLORITE ODOR							
Physical and Chemical	Appearance & Odor LIGHT YELLOW LIQUID; HYPOCHLORITE ODOR Boiling Point 200 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE							
Properties	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties							
	Specific Gravity 1.235 Volatile by Volume 70 %							
	Evaporation Rate(n-Butyl Acetate=1) <1							
X	Peroxide, Pyrophoric, Unstable or Water Reactive NONE Reactivity and Hazardous Polymerization NONE							
	Possible Hazardous Reactions							
	Conditions to Avoid							
Stability and Reactivity	Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, To Avoid STRONG ACIDS CAUSE VIOLENT REACTIONS AND RELEASE CHLORINE GAS.							
N/I	Hazardous CHLORINE GAS WITH INCOMPLETE COMBUSTION. Decomposition Products							
XI Toxicological Information								
XII	Possible Effects and Environmental Fate							
Ecological Information	Degradability Aquatic Toxicity							
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling Method of Disposal, Residues and Safe Handling Method of Disposal, Residues and Safe Handling Method of Disposal, Residues and Safe Disposal CONTAINER, EMPTY CONTAINER REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONTAINS PHOSPHATES; ADJUST PH DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.							
	Disposal of CHLORINE GAS WITH INCOMPLETE COMBUSTION. Contaminated Material							
XIV Transport Information	CAUSTIC ALKALI LIQUIDS, N.O.S., (POTASSIUM HYDROXIDE, SODIUM HYPOCHLORITE), 8, UN1719, PG II, ERG NO.60, NAERG NO. 154							
XV-Regulatory Information XVI-Other Information								
S.A.R.A. Title III Section 313	NONE							
State Right to Know Information	POTASSIUM HYDROXIDE - CAS #1310-58-3 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 WATER - CAS #7732-18-5 SODIUM HYPOCHLORITE - CAS #7681-52-9							