

## MATERIAL SAFETY DATA SHEET

Printed 07/30/2002

									07/30/200	
I	Product Name DIVERSEY ROTATE PLUS						Emergency (800)831-9889			
	Product Code <b>08627280</b> UPC-A <b>774205550980</b> SCC <b>10774205550987</b>						Medical(Collect) (303)592-1024		592-1024	
Chemical Product and Company	Manufacturer JOHNSONDIVERSEY INC.						Chemtree (800)424-93 Date 11/22/1993		424-9300	
Indentification	3630 E. KEMPER RD CINCINNATI, OH 45241-2046								2/1993	
	Chemical Family LIQUID MACHINE DISHWASHING COMPOUND									
	Chemical Name of	-			%	Exposure	e Limits		Units	
	POTASSIUM HYDROXIDE (1310-58-3)				<20	TLV C 2	; PEL C 2		MG/M3	
II	SODIUM HYPOCHLORITE (7681-52-9)				<2	<2 NOT ESTABLISHED				
Composition/ Information on Ingredients	((1001-02-9)									
III	Signs of H Exposure R C CAUSESE BURNS TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES, AND RESPIRATORY TRACT.  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									
111	N I									
Hazards Identification	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D									
Renancialon	Conditions Aggravated SENSITIVE SKIN AND EYES; MAY AGGRAVATE RESPIRATORY DISEASE.									
	Carcinogen Info	NONE					NTP IARC		OSHA	
	Target Organs or System									
	Routes of Exposure: Inhalation X Skin Ingestion X									
	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 FLU SHO	OTHES A	ND							
	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 Property 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								
	Environmental Precautions								
	Ventilation Required? NO Instructions YES, DISHWASHER								
VII  Handling and  Storage	Safe Storage, Handling and Use Instructions  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 Clothing Equipment SAFETY SHOWER/EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.								
IX	Characteristics o of Hazardous Chemcial								
	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								
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE								
X	Reactivity and Hazardous Polymerization NONE  Possible Hazardous Reactions								
71	Conditions to Avoid								
Stability and Reactivity	Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS,								
Reactivity	To Avoid STRONG ACIDS CAUSE VIOLENT REACTIONS AND RELEASE CHLORINE GAS.								
	Hazardous CHLORINE GAS WITH INCOMPLETE COMBUSTION. Decomposition Products								
XI Toxicological Information									
XII	Possible Effects and Environmental Fate								
Ecological Information	Degradability								
momaton	Aquatic Toxicity  Method of USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER								
XIII Disposal Consideration	Disposal, Residues and Safe Handling  TRIPLE RINSE WITH WATER, DISPOSE TO INDUSTRIAL OR SANITARY SEWER 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								
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								