

MATERIAL SAFETY DATA SHEET Printed 07/30/2002

I Chemical Product and Company Indentification	Product Name DIVERSEY LUSTRAL Product Code 08698100 UPC-A 774205550454 SCC Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046 Chemical Family Chemical Family Chemical Family Chemical Family					Emergency (800)831-9889 Medical(Collect) (303)592-1024 Chemtree (800)424-9300 Date 12/19/1994		592-1024 424-9300	
II Composition/ Information on Ingredients		Hazardous Ingredient OROXIDE (1310-58-3) ILORITE			% <15 2		: Limits ; PEL C 2 STABLISHED		Units MG/M3
III Hazards Identification	Signs A C U and Symptoms CAUSES BURNS TO SKIN AND EYES WITH IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED. of F C C C SAME AS ACUTE Symptoms SAME AS ACUTE of H Exposure Soft N C SAME AS ACUTE HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection C Conditions Aggravated SENSITIVE SKIN, EYES. DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE. NTP IARC OSHA Target Organs or System Super System Super System Super System Super System								
IV	Routes of Exposure: Inhalation Indextool Ingestion Ingestion Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST								
First Aid Measures	15 MINUTES. GET MEDICAL ATTENTION. Skin PROMPTLY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY 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 SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR Measures/ TO PREVENT SKIN CONTACT WITH CAUSTIC SOLUTIONS. Equipment Flammable Property Info Explosion Info CORROSIVE LIQUID								
	Extinguishing Media CO2, FOAM, DRY CHEMICALS, WATER Gases								

VI Accidental Measures	Spill and CONTAIN SPILL. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH Leak CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. Clean UP NEUTRALIZE RESIDUE WITH SODIUM BISULFITE OR THIOSULFATE FOR Procedures AVAILABLE CHLORINE AND WITH DILUTE MINERAL ACIDS OR SODIUM BICARBONATE FOR ALKALINITY. AVOID EYE AND SKIN CONTACT. RINSE AREA WITH WATER.									
	Environmental Precautions									
	Ventilation Required? NO Instructions PROVIDE ADEQUATE VENTILATION									
VII Handling and Storage	Safe Storage, HandlingSTORE IN COOL AREA AWAY FROM SUNLIGHT OR SOURCES OF HEAT. KEEPAWAY FROM ACIDS. KEEP CONTAINER CLOSED. DO NOT STORE WITH FOOD.and UseInstructions									
Biorage	Imcompatible Materials									
	Protective Gloves RUBBER, PVC, OR CHEMICALLY RESISTANT									
VIII	Eye Protection FACE SHIELD									
Exposure Controls/ Personal Protection	RespiratoryWEAR NIOSH ALKALINE CARTRIDGE RESPIRATOR WITH CHARCOALProtectionFILTER IF TLV/PEL LIMITS ARE EXCEEDED.									
	Other Protective CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN Clothing Equipment CONTACT. EYE WASH IN USE AREA.									
	Characteristics o of Hazardous Chemcial									
IX	Vapor Pressure 20.8 MmHg@ 20 °C Vapor Density(Air=1) N/K pH Water Solubility 100 %									
Physical and Chemical	Appearance & Odor CLEAR, LIGHT YELLOW LIQUID; SLIGHT CHLORINE ODOR Boiling Point °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 1.26 Volatile by Volume 70 %									
	Evaporation Rate(n-Butyl Acetate=1) >1									
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE									
Х	Reactivity and Hazardous Polymerization NONE Possible Hazardous Reactions									
	Conditions to Avoid									
Stability and Reactivity	Materials ACTIVE METALS, NITROGEN CONTAINING COMPOUNDS. STRONG ACIDS									
Reactivity	To Avoid CAUSE VIOLENT REACTIONS.									
	Hazardous CHLORINE OR ORGANO-CHLORINE GASES WHEN MIXED WITH ACIDS OR Decomposition Products HEATED ABOVE 250 DEGREES F.									
XI Toxicological Information										
XII	Possible Effects and Environmental Fate									
Ecological Information	Degradability Aquatic Toxicity Method of USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY Disposal, CONTAINER, TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE AND DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND Safe FEDERAL REGULATIONS. ADJUST PH; CONTAINS CHLORINE AND PHOSPHORUS. Handling SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE.									
XIII Disposal Consideration										
	Disposal of Contaminated Material CHLORINE OR ORGANO-CHLORINE GASES WHEN MIXED WITH ACIDS OR HEATED ABOVE 250 DEGREES F.									
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	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.									
State Right to Know Information	POTASSIUM HYDROXIDE - CAS #1310-58-3 WATER - CAS #7732-18-5 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 SODIUM HYPOCHLORITE - CAS #7681-52-9									