## JohnsonDiversey



## MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

I Chemical Product and Company Indentification	Product Name Product Code Manufacturer Chemical Family	3630 E. KEN CINCINNAT ALKALINI	FI, OH 45241 E CHLORIN	-2046	SCC EANER			Emergency Medical(Collect) Chemtree Date	(303) (800)	831-9889 592-1024 424-9300 3/1995
II Composition/ Information on Ingredients	Chemical Name of SODIUM HYDRO SODIUM DODEC (25155-30-0) SODIUM DICHL (2893-78-9)	OXIDE (1310-7 CYLBENZENI	73-2) E SULFONAT			% 24 2-5 2	TLV &	e Limits PEL 2 (CEILING) PEL NOT ESTABLIS PEL NOT ESTABLIS		Units MG/M3
III Haz ards Identific ation	Signs       Causes BURNS TO EYES AND SKIN. INHALATION OF MISTS OR DUSTS IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG TISSUE. HARMFUL IF SWALLOWED.         and       T         Symptoms       NO KNOWN HAZARDS         Of       H         Exposure       NO KNOWN HAZARDS         NO       NO KNOWN HAZARDS         Signs       SENSITIVE SKIN, DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.         Conditions Aggravated       SENSITIVE SKIN, DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.         Carcinogen Info       NOT CARCINOGENIC         Narget Organs or System       Induction Information Informatio Information Informatio Information Informatio									
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 IF EYES ARE INJURED OR IRRITATION PERSISTS.         Skin       IMMEDIATELY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.         Ingestion       GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON									
V Fire Fighting Measures	AN UNCONSCIOUS PERSON.         Fire Control       WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.         Equipment       (SCBA) IN FIRE AREA.         Flammable Property Info       POWDER CORROSIVE MATERIAL         Extinguishing Media       WATER SPRAY, CO2, DRY CHEMICAL         Gases       Vertifier Spray of the spray									

VI Accidental Measures	Spill and LeakCONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS OR SODIUM BICARBONATE FOR ALKALINITY AND SODIUM BISULFITE 									
	Environmental Precautions									
	Ventilation Required? TLV LEVEL Instructions MAINTAIN PEL/TLV									
VII Handling and Storage	Safe Storage,       STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN. KEEP         Handling       AWAY FROM ACIDS. WHEN DILUTING, ADD AND STIR SLOWLY TO AVOID         and Use       VIOLENT SPATTERING AND HEAT GENERATION.         Instructions       Instructions									
	Imcompatible Materials									
	Protective Gloves RUBBER OR CHEMICAL RESISTANT									
VIII	Eye Protection CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GLASSES, OR FACE SHIELD									
Exposure Controls/ Personal Protection	Respiratory Protection         WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST, SPRAY, OR DUSTY CONDITIONS.									
	Other ProtectiveWEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDER CLOTHESClothing EquipmentBEFORE REUSE. SAFETY SHOWER/EYE WASH.									
	Characteristics o of Hazardous Chemcial									
IX	Vapor Pressure N/A MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 26 %									
Physical and Chemical	Appearance & Odor       OFF WHITE GRANULAR POWDER WITH A MILD CHLORINE ODOR.         Boiling Point       >1832 °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 66#F3 Volatile by Volume NON %									
	Evaporation Rate(n-Butyl Acetate=1) N/									
	Peroxide, Pyrophoric, Unstable or Water Reactive LOW									
v	Reactivity and Hazardous Polymerization NONE KNOWN									
Х	Possible Hazardous Reactions Conditions to Avoid									
Stability and	Materials ACIDS, ALUMINUM OR SOFT METALS									
Reactivity	To Avoid									
	Hazardous       CHLORINE OR ORGANO-CHLORINE GASES WHEN MIXED WITH ACIDS OR         Decomposition Products       HEATED ABOVE 250 F.									
XI Toxicological Information										
XII	Possible Effects and Environmental Fate									
Ecological	Degradability									
Information	Aquatic Toxicity									
XIII Disposal Consideration	Method of Disposal, Residues and Safe HandlingDISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER WITH WATER, ADD RINSATE TO OPERATION WHENEVER POSSIBLE.									
	Disposal of CHLORINE OR ORGANO-CHLORINE GASES WHEN MIXED WITH ACIDS OR									
XIV	Contaminated Material HEATED ABOVE 250 F. CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE, SODIUM DICHLORO-S-									
Transport Information	TRIAZINETRIONE),8,UN3262,PG II, ERG#60, NAERG#154									
XV-Regulatory Information XVI-Other Information										
S.A.R.A. Title III Section 313	SODIUM HYDROXIDE HAS NOT BEEN SARA 313 REPORTABLE SINCE 1989.									
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM DICHLORO-S-TRIAZINETRIONE - CAS #2893-78-9 SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0 SODIUM CARBONATE - CAS #497-19-8 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4									