

MATERIAL SAFETY DATA SHEET

LIQUID DIVERALK 1C Product Name Emergency (800)831-9889 I 09974470 UPC-A 774205550348 SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 08/29/2002 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID LAUNDRY BUILDER Chemical Family Chemical Name of Hazardous Ingredient **Exposure Limits** Units **SODIUM HYDROXIDE (1310-73-2)** <36 TLV C 2; PEL C 2 MG/M3 Π Composition/ Information on Ingredients CORROSIVE. CAUSES SEVERE BURNS TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT MAY BE FATAL IF SWALLOWED. Signs U and Symptoms NO KNOWN CHRONIC HAZARDS. Exposure Ш O Haz ards Identific ation HMIS: Health 3 Flammability 0 Reactivity Personal Protection D Conditions Aggravated SENSITIVE SKIN, EYES, IMPAIRED PULMONARY FUNCTION. Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X X IF INHALED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, Inhalation GET MEDICAL ATTENTION. IV Eyes FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. First Aid Measures Skin FLUSH WITH FRESH WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL Ingestion ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Fire Control WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND Measures/ SELF-CONTAINED BREATHING APPARATUS. Equipment V Flammable Property Info Fire Fighting PRODUCT SOLUTIONS IN CONTACT WITH ALUMINUM CAUSES SEVERE **Explosion Info** Measures CORROSION AND RELEASES HYDROGEN GAS. Extinguishing Media CO2, DRY CHEMICALS Gases

Printed: 02/06/2004

VI Accidental Measures	Spill and Leak Clean UP Procedures STOP LEAKS AND CONTAIN SPILLS. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS AND FLUSH AREA WITH WATER. CERCLA PRODUCT RQ = 4,000 LBS. OR 400 GAL.
	Environmental Precautions
	Ventilation Required? NO Instructions NORMAL AIR DILUTION
VII Handling and Storage	Safe Storage, Handling and Use Instructions DO NOT PRESSURE CONTAINER TO EMPTY. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP AWAY FROM ACIDS. STORE IN A COOL AREA AWAY FROM HEAT SOURCES. DO NOT STORE WITH FOOD.
	Imcompatible Materials
	Protective Gloves RUBBER, PVC, OR CHEMICALLY RESISTANT
VIII	Eye Protection SAFETY GLASSES WITH SIDE SHIELDS, SPLASH GOGGLES, FACESHIELD
Exposure Controls/ Personal Protection	Respiratory Protection WEAR NIOSH APPROVED RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.
	Other Protective SAFETY SHOWER/EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR WHEN HANDLING.
	Characteristics o of Hazardous Chemcial Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1 N/A pH 13.5 Water Solubility 100 %
IX	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1 N/A pH 13.5 Water Solubility 100 % Appearance & Odor CLEAR AMBER LIQUID; SLIGHT AMMONIA ODOR
Physical and Chemical	Boiling Point 234 °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 1.39 Volatile by Volume 50 %
	Evaporation Rate(n-Butyl Acetate=1) >1
X Stability and	Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE Reactivity and Hazardous Polymerization NONE
	Possible Hazardous Reactions
	Conditions to Avoid
Reactivity	Materials To Avoid ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, STRONG ACIDS CAUSE VIOLENT REACTIONS.
	Hazardous OXIDES OF CARBON Decomposition Products
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability 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, ADD TO OPERATION. ADJUST PH BEFORE DISPOSAL, RECYCLE CONTAINER OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. WASTE SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, AND PONDS.
	Disposal of OXIDES OF CARBON Contaminated Material
XIV Transport Information	CORROSIVE LIQUID,BASIC,INORGANIC,N.O.S.,(SODIUM HYDROXIDE),8,UN3266,PG II, ERG#60, NAERG#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	SODIUM HYDROXIDE - CAS #1310-73-2 WATER - CAS #7732-18-5 SODIUM AMINOTRIMETHYLENE PHOSPHONATE - CAS #2235-43-0 SODIUM POLYACRYLATE - CAS #9003-04-7