

MATERIAL SAFETY DATA SHEET

DIVOBLEND 3A Product Name Emergency (800)831-9889 I 00224070 UPC-A 774205550805 SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 12/16/1999 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID LAUNDRY DETERGENT Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits SODIUM HYDROXIDE (1310-73-2)** 20 TLV C 2; PEL C 2 MG/M3 TRISODIUM NITRILOTRIACETATE NOT ESTABLISHED Π (5064-31-3)Composition/ Information on Ingredients CORROSIVE TO SKIN AND EYES, MAY CAUSE DESTRUCTION OF TISSUES ON CONTACT. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED. Signs П and Symptoms CONTAINS NTA SALTS THAT ARE REPORTED IN HIGH DOSES IN ANIMAL TESTS TO CAUSE CANCER. NTA HAS NOT BEEN REPORTED TO CAUSE CANCER IN HUMANS. Exposure Ш O Haz ards Identific ation HMIS: Health 3 Flammability 0 Reactivity Personal Protection D SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION Conditions Aggravated TRISODIUM NITRILOTRIACETATE Carcinogen Info NTP X **IARC** OSHA X Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion П X IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF Inhalation BREATHING IS DIFFICULT. 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 AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN AREAS. GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL Ingestion ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. Fire Control Measures/ Equipment V Flammable Property Info Fire Fighting NONE - CORROSIVE LIQUID. CONTACT WITH ALUMINUM CAUSES SEVERE **Explosion Info** Measures CORROSION AND RELEASES HYDROGEN GAS. Extinguishing Media CO2, FOAM, DRY CHEMICALS Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures STOP LEAK AND CONTAIN SPILLED MATERIAL. FLUSH SMALL AMOUNTS TO DRAIN AFTER NEUTRALIZATION WITH DILUTE MINERAL ACIDS. COLLECT AND RETURN LARGE AMOUNTS TO AN APPROPRIATE COVERED CONTAINER. TREAT AS SOLID HAZARDOUS WASTE. CERCLA RQ = 5,000 LBS OR 507 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. KEEP AWAY FROM ACIDS. KEEP CONTAINER CLOSED. DILUTE PRODUCT VERY SLOWLY. USE ONY IN IN STAINLESS STEEL MACHINES. CORROSIVE TO OTHER SOFT METALS.
	Imcompatible Materials
	Protective Gloves ALKALI RESISTANT, RUBBER, OR PVC
VIII	Eye Protection FACE SHIELD, SAFETY GLASSES WITH SIDE SHIELD, SPLASH GOGGLES
Exposure Controls/ Personal Protection	Respiratory Protection NIOSH ALKALINE RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED.
	Other Protective CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 20.0 MmHg@ 20 °C Vapor Density(Air=1 >1 pH Water Solubility 100 %
Physical and Chemical Properties	Appearance & Odor WHITE TO TAN OPAQUE LIQUID; MILD ODOR Boiling Point 248 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Boiling Point 248 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.185 Volatile by Volume 54 %
	Evaporation Rate(n-Butyl Acetate=1) >1
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE
	Reactivity and Hazardous Polymerization NONE
	Possible Hazardous Reactions Conditions to Avoid
	Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS,
	To Avoid STRONG ACIDS CAUSE VIOLENT REACTIONS AND HYDROGEN GAS. Hazardous CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT
	Decomposition Products CONTACTS ALUMINUM.
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability Aquatic Toxicity
- Information	Aquatic Toxicity Method of CONTAINS NO PHOSPHATES; PH ADJUSTMENT BEFORE DISPOSAL.
XIII Disposal Consideration	Disposal, Residues and Safe Handling USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER. DISPOSE IN A MANNER CONSISTENT WITH LOCAL, STATE AND FEDERAL REGULATIONS. SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS.
	Disposal of CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT CONTACTS ALUMINUM.
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.	NONE
Title III Section 313	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3 WATER - CAS #7732-18-5 ETHOXYLATED ALCOHOL SURFACTANT - CAS #68002-97-1 LINEAR ALCOHOL (MIXED SURFACTANT) - CAS #159653-48-2