

MATERIAL SAFETY DATA SHEET

DIVERDET 2A Product Name Emergency (800)831-9889 I 00221470 UPC-A 774205550782 SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 12/17/1999 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID LAUNDRY EMULSIFIER Chemical Family Chemical Name of Hazardous Ingredient Units % **Exposure Limits** ISOPROPYL ALCOHOL (67-63-0) 5 TLV 983; PEL 1230 (STEL) MG/M3 Π SODIUM DODECYLBENZENE SULFONATE <5 NOT ESTABLISHED Composition/ Information (25155-30-0)on Ingredients DEFATS SKIN. IRRITATES EYES. OVEREXPOSURE TO VAPOR OR MIST MAY CAUSE HEADACHE DIZZINESS OR NAUSEA. HARMFUL IF SWALLOWED. Signs П and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health Personal Protection Flammability Reactivity В DERMATITIS OR SENSITIVE SKIN, RESPIRATORY CONDITIONS Conditions Aggravated Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV Eyes FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. First Aid Measures Skin FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. 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 DOES NOT SUPPORT COMBUSTION Fire Fighting COMBUSTIBLE - RESIDUE MAY BURN IF ALL LIQUID IS EVAPORATED **Explosion Info** Measures BY HEAT AND FIRE. Extinguishing Media WATER, WATER FOG Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures CONTAIN SPILL, DILUTE WITH WATER AND DISCHARGE TO SANITARY SEWER SYSTEM. CAUSES VERY SLIPPERY SURFACES IF SPILLED. WASH SPILL AREA THOROUGHLY.
	Environmental Precautions
	Ventilation Required? NO Instructions PRODUCING NORMAL AIR DILUTION
VII Handling and Storage	Safe Storage, Handling and Use Instructions COMBUSTIBLE LIQUID. KEEP FROM FREEZING. DO NOT STORE NEAR HEAT OR OPEN FLAME. DO NOT PRESSURE CONTAINER TO EMPTY.
	Imcompatible Materials
	Protective Gloves
VIII	Eye Protection FACE SHIELD, SIDE SHIELD SAFETY GLASSES
Exposure Controls/ Personal Protection	Respiratory Protection USUALLY NOT REQUIRED. MONITOR AREA IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.
	Other Protective CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.
IX	Characteristics o of Hazardous Chemcial
	Vapor Pressure 22.4 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 % Appearance & Odor FLOURESCENT CLEAN LIQUID
Physical and Chemical Properties	Appearance & Odor FLOURESCENT CLEAN LIQUID Boiling Point 214 °F Melting Point °F Flammability Limits in Air By Volume: Upper 6.0 Lower 1.0
	Flash Point 140 °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.02 Volatile by Volume 62 %
	Evaporation Rate(n-Butyl Acetate=1) 1.
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions
Stability and Reactivity	Conditions to Avoid
	Materials NONE To Avoid
	Hazardous CO2, CO WITH IMCOMPLETE COMBUSTION Decomposition Products
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity Method of WASTE MAY BE DILUTED WITH WATER AND DISCHARGED TO SANITARY
XIII Disposal Consideration	Disposal, Residues and Safe Handling SEWER IN ACCORDANCE WITH LOCAL REGULATIONS. CERCLA RQ: NO REPORTABLE QUANTITY.
	Disposal of CO2, CO WITH IMCOMPLETE COMBUSTION Contaminated Material
XIV	LAUNDRY WATER CONDITIONER, LIQUID, N.O.I.
Transport Information 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	ISOPROPYL ALCOHOL - CAS #67-63-0 SODIUM XYLENE SULFONATE - CAS #1300-72-7 WATER - CAS #7732-18-5 SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0 ETHOXYLATED ALCOHOL- CAS #68002-97-1