



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

I Chemical Product and Company Indentification II Composition/ Information on Ingredients	ISOPROPYL AL	DIVERDET 2A 00221070 UPC-A 774205550768 S JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046 LIQUID LAUNDRY EMULSIFIER Hazardous Ingredient COHOL (67-63-0) CYLBENZENE SULFONATE	% 5 <5	TLV 9	Emergency Medical(Collect) Chemtree Date Tre Limits 83; PEL 1230 (STEL)	(303) (800)	)831-9889 )592-1024 )424-9300 7/1999 Units MG/M3
III Haz ards Identific ation	A   DEFATS SKIN. IRRITATES EYES. OVEREXPOSURE TO     Signs   U     and   T     Symptoms   C     of   H     Exposure   SAME AS ACUTE     HMIS:   Health   2     Flammability   2   Reactivity   0     Personal Protection   B     Conditions Aggravated   DERMATITIS OR SENSITIVE SKIN, RESPIRATORY CONDITIONS     Carcinogen Info   NONE   NTP   IARC     Target Organs or System   Skin   Skin   Ingestion   Skin						
IV First Aid Measures	Inhalation   REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.     Eyes   FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.     Skin   FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.     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 Measures/ Equipment   WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA.     Flammable Property Info   DOES NOT SUPPORT COMBUSTION     Explosion Info   COMBUSTIBLE - RESIDUE MAY BURN IF ALL LIQUID IS EVAPORATED BY HEAT AND FIRE.     Extinguishing Media   WATER, WATER FOG     Gases   Image: Comparison of the second s						

VI Accidental Measures	Spill and LeakCONTAIN SPILL, DILUTE WITH WATER AND DISCHARGE TO SANITARY SEWER SYSTEM. CAUSES VERY SLIPPERY SURFACES IF SPILLED.Clean UP ProceduresWASH SPILL AREA THOROUGHLY.							
	Environmental Precautions							
VII Handling and Storage	Ventilation Required? NO Instructions PRODUCING NORMAL AIR DILUTION							
	Safe Storage,   COMBUSTIBLE LIQUID. KEEP FROM FREEZING.     Handling   DO NOT STORE NEAR HEAT OR OPEN FLAME.     and Use   DO NOT PRESSURE CONTAINER TO EMPTY.     Instructions   Instructions							
	Imcompatible Materials							
	Protective Gloves CHEMICAL RESISTANT, RUBBER OR PVC							
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	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							
Х	Possible Hazardous Reactions							
Stability and	Conditions to Avoid							
Reactivity	Materials NONE To Avoid Hazardous CO2. CO WITH IMCOMPLETE COMBUSTION							
	Hazardous CO2, CO WITH IMCOMPLETE COMBUSTION   Decomposition Products CO2, CO WITH IMCOMPLETE COMBUSTION							
XI Toxicological Information								
XII	Possible Effects and Environmental Fate							
Ecological Information	Degradability							
XIII Disposal Consideration	Aquatic Toxicity     Method of Disposal, Residues and Safe   WASTE MAY BE DILUTED WITH WATER AND DISCHARGED TO SANITARY SEWER IN ACCORDANCE WITH LOCAL REGULATIONS.     Residues and Safe   CERCLA RQ: NO REPORTABLE QUANTITY.     Handling   Cercla RQ: NO REPORTABLE QUANTITY.							
	Disposal of CO2, CO WITH IMCOMPLETE COMBUSTION							
XIV Transport Information	LAUNDRY WATER CONDITIONER, LIQUID, N.O.I.							
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							