

MATERIAL SAFETY DATA SHEET

LIQUID UNITE Product Name Emergency (800)831-9889 I 09898280 UPC-A 774205552113 SCC 10774205552110 Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 02/14/2002 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID LAUNDRY DETERGENT Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits** NONE Π Composition/ Information on Ingredients CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED. INHALATION OF MIST MAY IRRITATE NOSE, THROAT, AND PULMONARY Signs П MEMBRANES. and Symptoms NO KNOWN CHRONIC HAZARDS. Exposure Ш O Haz ards Identific ation HMIS: Health 2 Personal Protection Flammability Reactivity В SENSITIVE SKIN. MISTS MAY AGGRAVATE RESPIRATORY Conditions Aggravated DISEASE. Carcinogen Info NONE NTP **IARC OSHA** 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. First Aid Measures Skin FLUSH WITH FRESH WATER, REMOVE CONTAMINATED CLOTHES AND SHOES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. Ingestion NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND Fire Control Measures/ SELF-CONTAINED BREATHING APPARATUS. Equipment V Flammable Property Info Fire Fighting PRODUCT MAY BURN IF EVAPORATED TO DRYNESS AND HEATED **Explosion Info** Measures ABOVE FLAME POINT. Extinguishing Media WATER, WATER FOG Gases

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	Environmental Precautions
	Ventilation Required? NO Instructions PROVIDE ADEQUATE VENTILATION
VII Handling and Storage	Safe Storage, Handling and Use Instructions KEEP CONTAINER CLOSED. STORE AWAY FROM OPEN FLAME. DO NOT STORE WITH FOOD. STORE IN A COOL, DRY, WELL VENTILATED AREA.
	Imcompatible Materials
	Protective Gloves
VIII	Eye Protection SAFETY GLASSES WITH SIDE SHIELD/SPLASH GOGGLES
Exposure Controls/ Personal Protection	Respiratory Protection USUALLY NOT REQUIRED. MONITOR AREAS FOR CONTAMINATION IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.
	Other Protective CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR. SAFETY SHOWER AND EYE WASH IN USE AREA.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 20.6 MmHg@ 20 °C Vapor Density(Air=1 <1 pH Water Solubility 100 %
Physical and Chemical Properties	Appearance & Odor CLEAR GREEN LIQUID; FLORAL FRAGRANCE Boiling Point 210 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Boiling Point 210 °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 1.09 Volatile by Volume >50 %
	Evaporation Rate(n-Butyl Acetate=1) <1
V	Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions Conditions to Avoid
Stability and	Materials STRONG OXIDIZERS OR POWDERED CHLORINATED CLEANERS.
Reactivity	To Avoid Hazardous OXIDES OF CARBON AND PHOSPHORUS.
	Decomposition Products
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability
mormation	Aquatic Toxicity Madada & USE UNITH A ESS THAN ONE INCH DEMAINS IN CONTAINED EMPTY
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling Handling Method of Disposal, Residues and Safe CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OR PROCESS WASTE SOLUTIONS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS AS SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. CONTAINS PHOSPHATES.
	Disposal of OXIDES OF CARBON AND PHOSPHORUS. Contaminated Material
XIV Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID
XV-Regulatory Information	
XVI-Other Information	THIS PROPRIET CONTAINS THE FOLLOWING SADA THE FILLSECTION 212
S.A.R.A. Title III Section 313	THIS PRODUCT CONTAINS THE FOLLOWING SARA TITLE III SECTION 313 REPORTABLE CHEMICALS: NONYL PHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9 (CONTAINS GLYCOL ETHERS AT <1%)
State Right to Know Information	WATER - CAS #7732-18-5 TETRAPOTASSIUM PYROPHOSPHATE - CAS #7230-34-5 ETHOXYLATED ALCOHOL - CAS #68002-97-1 DICARBOXYLIC ANHYDRIDE - PROPRIETARY POTASSIUM DODECYLBENZENE SULFONATE - CAS #27177-77-1