

## MATERIAL SAFETY DATA SHEET

**EDGE** Product Name Emergency (800)831-9889 I 08572150 UPC-A SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 10/18/1996 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID LAUNDRY DETERGENT Chemical Family **Exposure Limits** Units Chemical Name of Hazardous Ingredient  $\Pi$ TRISODIUM NITRILOTRIACETATE NOT ESTABLISHED <15 Composition/ (5064-31-3)Information SODIUM DODECYLBENZENESULFONATE <3 NOT ESTABLISHED on Ingredients (25155-30-0)CAUSES IRRITATION OR BURNS TO SKIN AND EYES. MISTS CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. MAY BE HARMFUL 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 Flammability 0 Reactivity Personal Protection В SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION. Conditions Aggravated Carcinogen Info TRISODIUM NITRILOTRIACETATE 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. First Aid Measures Skin FLUSH WITH FRESH 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. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. Fire Control Measures/ Equipment V Flammable Property Info Fire Fighting LOW FIRE HAZARD. PRODUCT RESIDUE MAY BURN IF HEATED TO DRYNESS **Explosion Info** Measures ABOVE FLAME POINT. Extinguishing Media CO2, FOAM, DRY CHEMICALS Gases

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VI Accidental Measures	Leak Clean UP Procedures  MINERAL ACIDS. COLLECT AND RETURN LARGE AMOUNTS TO AN APPROPRIATE COVERED CONTAINER. TREAT AS SOLID HAZARDOUS WASTE.  CERCLA RQ: NO REPORTABLE QUANTITY.
	Environmental Precautions
	Ventilation Required? NO Instructions NORMAL AIR DILUTION
VII Handling and Storage	Safe Storage, Handling and Use Instructions  KEEP FROM FREEZING. STORE BETWEEN 40 F. AND 100 F. KEEP AWAY FROM ACIDS. KEEP CONTAINER CLOSED.
	Imcompatible Materials
	Protective Gloves CHEMICALLY RESISTANT, RUBBER, OR PVC
VIII	Eye Protection FACE SHIELD, SAFETY GLASSES WITH SIDE SHIELDS, SPLASH GOGGLES.
Exposure Controls/ Personal Protection	Respiratory Protection  USUALLY NOT REQUIRED. MONITOR AREA FOR CONTAMINATION IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.
	Other Protective CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 22.8 MmHg@ 20 °C Vapor Density(Air=1 >1 pH Water Solubility 100 %
Physical and Chemical Properties	Appearance & Odor WHITE OPAQUE LIQUID; MILD ODOR  Boiling Point 216 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Flash Point >400 °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.125 Volatile by Volume 52 %
	Evaporation Rate(n-Butyl Acetate=1) >1
X	Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE  Possible Hazardous Reactions
Λ	Conditions to Avoid
Stability and	Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS,
Reactivity	To Avoid STRONG ACIDS CAUSE VIOLENT REACTIONS AND HYDROGEN GAS.  Hazardous THERMAL DECOMPOSITION MAY FORM HAZARDOUS OXIDES OF CARBON,
	Decomposition Products NITROGEN AND SULFUR.
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability  Aquatic Toxicity
	Method of (CONTAINS NO PHOSPHATES) PH ADJUSTMENT BEFORE DISPOSAL. USE
XIII Disposal Consideration	Disposal, Residues and Safe Handling  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 Contaminated Material THERMAL DECOMPOSITION MAY FORM HAZARDOUS OXIDES OF CARBON, NITROGEN AND SULFUR.
XIV Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID
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	TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3 WATER - CAS #7732-18-5 SODIUM POLYACRYLATE - CAS #9003-01-4 NONYLPHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9 SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0