



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

| | Product Name EDGE | | | | Emergency (800)831-9889 | | | |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------|------------------------|--------------------------------|-----------|-------|--|
| I Chemical Product | Product Code 08572070 UPC-A 774205552625 SCC | | | | Medical(Collect) (303)592-1024 | | | |
| | Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD | | | Chemtree (800)424-9300 | |)424-9300 | | |
| and Company Indentification | | | | Date 10/18/1996 | | | | |
| | CINCINNATI, OH 45241-2046 Chemical Family LIQUID LAUNDRY DETERGENT | | | | | | | |
| | | | % | Exposur | re Limits | | Units | |
| II Composition/ | Chemical Name of Hazardous Ingredient | | 70 | Exposu | | | | |
| | TRISODIUM NITRILOTRIACETATE (5064-31-3) SODIUM DODECYLBENZENESULFONATE (25155-30-0) | | 1.5 | NOTE | | | | |
| | | | <15 | <15 NOT ESTABLISHED | | | | |
| Information on Ingredients | | | <3 | NOT E | NOT ESTABLISHED | | | |
| | (23133-30-0) | | | | | | | |
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| | | | | | | | | |
| | A CAUSES IRRITATION OR BURNS TO SKIN AND EYES. MISTS C CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. | | | | | | | |
| | Signs U MAY BE HARMFUL IF SWALLOWED. | | | | | | | |
| | Symptoms _C | | | | | | | |
| | OF H CONTAINS NTA SALTS THAT ARE REPORTED IN HIGH R DOSES IN ANIMAL TESTS TO CAUSE CANCER. NTA HAS | | | | | | | |
| III | Exposure o NOT BEEN REPORTED TO CAUSE CANCER IN HUMANS. | | | | | | | |
| Haz ards Identific ation | С | | | | | | | |
| | HMIS: Health 2 Flammability 0 Reactivity 0 Personal Protection B Conditions Aggravated SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION. | | | | | | | |
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| | Carcinogen Info TRISODIUM NITRILOTRIACETATE NTP X IARC OSHA X | | | | | | | |
| | Target Organs or System | | | | | | | |
| | Routes of Exposure: Inhalation Skin Ingestion I | | | | | | | |
| IV | Inhalation IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT. | | | | | | | |
| | 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. | | | | | | | |
| V Fire Fighting Measures | Fire Control Measures/ | WEAR FULL PROTECTIVE GEAR TO PRE | VENT S | KIN CON | NTACT AND SCBA. | | | |
| | Equipment | | | | | | | |
| | Flammable Property Info | | | | | | | |
| | Explosion Info LOW FIRE HAZARD. PRODUCT RESIDUE MAY BURN IF HEATED TO DRYNESS ABOVE FLAME POINT. | | | | | | | |
| | Extinguishing Media CO2, FOAM, DRY CHEMICALS | | | | | | | |
| | Gases | | | | | | | |
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| VI Accidental Massures | Spill and Leak FLUSH SMALL AMOUNTS TO DRAIN AFTER NEUTRALIZATION WITH DILUTE MINERAL ACIDS. COLLECT AND RETURN LARGE AMOUNTS TO AN Clean UP APPROPRIATE COVERED CONTAINER. TREAT AS SOLID HAZARDOUS WASTE. Procedures CEDICLA DO NO DEPODITABLE COLLANTITY | | | | | | | |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| Accidental Measures | Procedures CERCLA RQ: NO REPORTABLE QUANTITY. | | | | | | | |
| | Environmental Precautions | | | | | | | |
| | Ventilation Required? NO Instructions NORMAL AIR DILUTION | | | | | | | |
| VII Handling and Storage | Safe Storage, KEEP FROM FREEZING. STORE BETWEEN 40 F. AND 100 F. Handling KEEP AWAY FROM ACIDS. KEEP CONTAINER CLOSED. and Use Instructions | | | | | | | |
| | Imcompatible Materials | | | | | | | |
| VIII Exposure Controls/ Personal Protection | Protective Gloves CHEMICALLY RESISTANT, RUBBER, OR PVC | | | | | | | |
| | Eye Protection FACE SHIELD, SAFETY GLASSES WITH SIDE SHIELDS, SPLASH GOGGLES. | | | | | | | |
| | 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 % Appearance & Odor WHITE OPAQUE LIQUID; MILD ODOR WHITE OPAQUE LIQUID; MILD ODOR Water Solubility 100 % | | | | | | | |
| Physical and Chemical | Boiling Point 216 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE | | | | | | | |
| Properties | 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 Peroxide, Pyrophoric, Unstable or Water Reactive NONE | | | | | | | |
| | Reactivity and Hazardous Polymerization NONE | | | | | | | |
| Х | Possible Hazardous Reactions | | | | | | | |
| Stability and | Conditions to Avoid | | | | | | | |
| Reactivity | Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, 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 | | | | | | | |
| XIII Disposal Consideration | Aquatic ToxicityMethod of Disposal, Residues and Safe(CONTAINS NO PHOSPHATES) PH ADJUSTMENT BEFORE DISPOSAL. 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 THERMAL DECOMPOSITION MAY FORM HAZARDOUS OXIDES OF CARBON, Contaminated Material NITROGEN AND SULFUR. | | | | | | | |
| XIV | COMPOUNDS, CLEANING, N.O.I., LIQUID | | | | | | | |
| 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. | | | | | | | |
| | TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3 WATER - CAS #7732-18-5 | | | | | | | |
| State Right to Know Information | 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 | | | | | | | |
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