

## MATERIAL SAFETY DATA SHEET

CLAIRE GERMICIDAL CLEANER Product Name Emergency (800)831-9889 I Medical(Collect) 32511279 UPC-A SCC (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD Date 09/17/1998 Indentification **CINCINNATI, OH 45241-2046** PRESSURIZED CLEANER Chemical Family Chemical Name of Hazardous Ingredient **Exposure Limits** Units PROPANE (74-98-6) **PEL 1000** PPM 3  $\Pi$ PPM **BUTANE (106-97-8)** 3 PEL 800: TLV 800 Composition/ 2-BUTOXYETHANOL (111-76-2) <2 TLV 25 S; PEL 25 S **PPM** Information on Ingredients **EPA REGISTRATION # 706-65** IRRITATES EYES; DEFATS SKIN Signs and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 2 Reactivity Personal Protection Flammability 0 A SENSITIVE SKIN AND EYES Conditions Aggravated Carcinogen Info NONE NTP **IARC** OSHA Target Organs or System Routes of Exposure: Inhalation X Skin Ingestion X Inhalation N/A IN NORMAL OPERATIONS IV Eyes QUICKLY FLUSH EYES WITH WATER, REMOVE ANY CONTACT LENSES, THEN HOLD EYE LIDS OPEN AND FLUSH EYES THOROUGHLY WITH FRESH WATER, CONTINUING FOR AT LEAST 15 MINUTES. First Aid Measures Skin FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES, WASH WITH SOAP AND WATER. REMOVE CONTAIMINATED CLOTHES AND SHOES. Ingestion GIVE WATER, INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. HEAT COULD BURST PRESSURIZED CANS. Fire Control Measures/ Equipment V Flammable Property Info Fire Fighting SEE ABOVE **Explosion Info** Measures Extinguishing Media CO2, FOAM, DRY CHEMICALS Gases

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| VI<br>Accidental Measures                       | Spill and FLUSH ALL AMOUNTS TO DRAIN.  Leak Clean UP Procedures   |
|---|---|
|   | Environmental Precautions   |
| VII<br>Handling and<br>Storage                  | Ventilation Required? NO Instructions NORMAL AIR DILUTION   |
|   | Safe Storage, KEEP FROM FREEZING. STORE IN AN UPRIGHT POSITION Handling and Use Instructions  |
|   | Imcompatible Materials  |
|   | Protective Gloves NONE  |
| VIII  | Eye Protection NONE   |
| Exposure Controls/<br>Personal Protection       | Respiratory NONE Protection   |
|   | Other Protective NONE Clothing Equipment  |
| IX Physical and Chemical Properties             | Characteristics o of Hazardous Chemcial   |
|   | Vapor Pressure N/A MmHg@ °C Vapor Density(Air=1 N/A pH Water Solubility 100 %  Appearance & Odor COLORLESS LIQUID; MILD ODOR.   |
|   | Appearance & Odor COLORLESS LIQUID; MILD ODOR.  Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE   |
|   | Flash Point N/A °F Auto Ignition N/A °F Oxidizing Properties  |
|   | Specific Gravity 1.01 Volatile by Volume 95 %   |
|   | Evaporation Rate(n-Butyl Acetate=1) >1  |
| X<br>Stability and<br>Reactivity                | Peroxide, Pyrophoric, Unstable or Water Reactive NONE  Reactivity and Hazardous Polymerization NONE   |
|   | Possible Hazardous Reactions  |
|   | Conditions to Avoid   |
|   | Materials NONE KNOWN To Avoid   |
|   | Hazardous CO WITH INCOMPLETE COMBUSTION Decomposition Products  |
| XI<br>Toxicological Information                 |   |
| XII<br>Ecological<br>Information                | Possible Effects and Environmental Fate   |
|   | Degradability   |
|   | Aquatic Toxicity  Method of THIS CONTAINER MAY BE RECYCLED IN THE FEW BUT GROWING NUMBER OF   |
| XIII<br>Disposal<br>Consideration               | Method of Disposal, Residues and Safe Handling  THIS CONTAINER MAY BE RECYCLED IN THE FEW BUT GROWING NUMBER OF COMMUNITIES WHERE (STEEL) AEROSOL CAN RECYCLING IS AVAILABLE. BEFORE OFFERING FOR RECYCLING, EMPTY THE CAN BY USING THE PRODUCT ACCORDING TO THE LABEL. (DO NOT PUNCTURE). IF RECYCLING IS NOT AVAILABLE, WRAP THE CONTAINER AND DISCARD IN THE TRASH |
|   | Disposal of CO WITH INCOMPLETE COMBUSTION Contaminated Material   |
| XIV   | CONSUMER COMMODITY, ORM-D   |
| Transport Information                           |   |
| XV-Regulatory Information XVI-Other Information |   |
| S.A.R.A.<br>Title III<br>Section 313            |   |
| State<br>Right to Know<br>Information           | PROPANE (74-98-6) BUTANE (106-97-8) 2-BUTOXYETHANOL (111-76-2)  |
|   | al Safaty Data Shaat CLAIDE CEDMICIDAL CLEANED 22511270   |