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| I Chemical Product and Company Identification | Product Name SUMA DIP K1 4X1CS | | Emergency (800)831-9889 | |
| | Product Code 57221280 UPC-A 774205555862 SCC 10774205555869 | | Medical(Collect) (303)592-1024 | |
| II Composition/ Information on Ingredients | Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046 | | Chemtree (800)424-9300 | |
| | Date 06/11/2002 | | Chemical Family LIQUID STAINLESS PRESOAK | |
| III Hazards Identification | Chemical Name of Hazardous Ingredient | % | Exposure Limits | Units |
| | POTASSIUM HYDROXIDE 1310-58-3 SODIUM HYPOCHLORITE 7681-52-9 | 1-5 10 | TWA - C 2 NONE ESTABLISHED | MG/M3 |
| III Hazards Identification | Signs and Symptoms of Exposure EYES: SEVERE BURNS, TISSUE DAMAGE, OR IRRITATION WITH PAIN, SWELLING, BLURRED OR IMPAIRED VISION, BLINDNESS. SKIN: SEVERE BURNS, TISSUE DESTRUCTION, BLISTERS OR RASH WITH SWELLING AND PAIN. INGESTION: MAY BE FATAL. SEVERE BURNS TO MOUTH AND THROAT MAY RESULT WITH PAIN, | | | |
| | GASTRIC PERFORATION AND DIFFICULTY IN SWALLOWING OR BREATHING. INHALATION: SPRAY OR MISTS CAUSE BURNS OR SEVERE IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT WITH PAIN, CHOKING, AND EXPERIENCE DIFFICULTY IN BREATHING. CHRONIC: SAME AS ACUTE EFFECTS. | | | |
| | HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection C | | | |
| | Conditions Aggravated DERMATITIS OR SENSITIVE SKIN. | | | |
| | Carcinogen Info NONE NTP IARC OSHA | | | |
| | Target Organs or System EYES, SKIN, MOUTH AND ESOPHAGUS. | | | |
| IV First Aid Measures | Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> | | | |
| | Inhalation | REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. INGESTION CONT: NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON. | | |
| | Eyes | IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. HOLD EYELIDS APART TO COMPLETELY FLUSH ALL CHEMICALS FROM ENTIRE EYE SURFACE. GET IMMEDIATE MEDICAL ATTENTION. | | |
| | Skin | FLUSH THOROUGHLY WITH PLENTY OF WATER. WASH WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES AND CLEAN BEFORE REUSE. GET MEDICAL ATTENTION FOR ANY PAINFUL, RED OR INJURED SKIN | | |
| V Fire Fighting Measures | Ingestion | IF SWALLOWED, RINSE MOUTH WITH WATER. DILUTE BY DRINKING SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING: IF PATIENT VOMITS, RE RINSE MOUTH. GET IMMEDIATE MEDICAL ATTENTION. | | |
| | Fire Control Measures/ Equipment | WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING APPARATUS (SCBA) IN FIRE AREA. | | |
| | Flammable Property Info | NONE | | |
| | Explosion Info | NONE KNOWN. | | |
| | Extinguishing Media | WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER. | | |
| V Fire Fighting Measures | Gases | NONE | | |

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| VI Accidental Measures | Spill and Leak Clean UP Procedures | CONTAIN SPILL. WEAR PROTECTIVE CLOTHING. SOAK UP OR ABSORB LIQUID ON SUITABLE ABSORBENT MATERIAL. COLLECT AND PLACE IN CHEMICAL WASTE CONTAINER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH SPILL AREA WITH WATER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA. | | | | |
| | Environmental Precautions | | | | | |
| VII Handling and Storage | Ventilation Required? | NONE Instructions NONE REQUIRED. | | | | |
| | Safe Storage, Handling and Use Instructions | WEAR PROTECTIVE GEAR WHEN USING OR HANDLING. PRODUCT FREEZES BELOW 50 DEG.F. THAW BY WARMING TO 70 DEG.F & MIX FOR USE. ADD PRODUCT SLOWLY WITH MIXING TO WATER OR LIQ.TO AVOID HEAT. DO NOT LET PRODUCT COLLECT ON BOTTOM OF TANK & DO NOT PRESSURE TO EMPTY. | | | | |
| | Incompatible Materials | ACIDS | | | | |
| VIII Exposure Controls/ Personal Protection | Protective Gloves | ALKALI RESISTENT. | | | | |
| | Eye Protection | CHEMICAL GOGGLES IF CONTACT OR SPLASH HAZARD EXISTS. | | | | |
| | Respiratory Protection | USE NIOSH/MSHA APPROVED RESPIRATOR WHERE TLV/PEL MAY BE EXCEEDED. | | | | |
| | Other Protective Clothing Equipment | RUBBER BOOTS & CHEMICAL RESISTANT APRON IF CONTACT OR SPLASH HZRD EXISTS. EYEWASH & SAFETY SHOWER IN AREA IF CONTACT OR SPLASH EXIS | | | | |
| IX Physical and Chemical Properties | Characteristics o of Hazardous Chemical | | | | | |
| | Vapor Pressure | N/A | MmHg@ | NA | °C | Vapor Density(Air=1) N/A pH 13 Water Solubility SOL % |
| | Appearance & Odor LIGHT YELLOW, CHEMICAL ODOR. | | | | | |
| | Boiling Point | 215 | °F | Melting Point | °F | Flammability Limits in Air By Volume: Upper N/A Lower N/A |
| | Flash Point | NONE | °F | Auto Ignition | °F | Oxidizing Properties |
| | Specific Gravity | 1.11 | | Volatile by Volume N/A % | | |
| | Evaporation Rate(n-Butyl Acetate=1) | | | | | |
| X Stability and Reactivity | Peroxide, Pyrophoric, Unstable or Water Reactive STABLE | | | | | |
| | Reactivity and Hazardous Polymerization NONE KNOWN. | | | | | |
| | Possible Hazardous Reactions NONE | | | | | |
| | Conditions to Avoid NONE | | | | | |
| | Materials To Avoid | ACIDS | | | | |
| Hazardous Decomposition Products INCOMPLETE COMBUSTION FORMS; HYDROGEN CHLORIDE, CHLORINE AND CHLORINATED; COMPOUNDS; OXIDES OF PHOSPHORUS. | | | | | | |
| XI Toxicological Information | NO DATA AVAILABLE. | | | | | |
| XII Ecological Information | Possible Effects and Environmental Fate NO DATA AVAILABLE | | | | | |
| | Degradability | | | | | |
| | Aquatic Toxicity | | | | | |
| XIII Disposal Consideration | Method of Disposal, Residues and Safe Handling | ADJUST PH OF DILUTED PRODUCT AND DISCHARGE TO INDUSTRIAL SEWER IN ACCORDANCE WITH DISCHARGE PERMIT OR LOCAL POTW REGULATIONS. USE PRODUCT IN CONTAINER UNTIL EMPTY. TRIPLE RINSE CONTAINER WITH WATER AND ADD TO PROCESS. RECYCLE OR DISPOSE OF CONTAINER ACCORD- ING TO PRODUCT LABELING OR FEDERAL, STATE OR LOCAL REGULATIONS. | | | | |
| | Disposal of Contaminated Material | INCOMPLETE COMBUSTION FORMS; HYDROGEN CHLORIDE, CHLORINE AND CHLORINATED; COMPOUNDS; OXIDES OF PHOSPHORUS. | | | | |
| XIV Transport Information | POTASSIUM HYDROXIDE SOLUTION, 8, UN1814, PG II, NAERG NO. 154 | | | | | |
| XV-Regulatory Information | | | | | | |
| XVI-Other Information | | | | | | |
| S.A.R.A. Title III Section 313 | NONE | | | | | |
| State Right to Know Information | POTASSIUM HYDROXIDE - CAS #1310-58-3 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 SODIUM SILICATE - CAS #1344-09-8 POTASSIUM HYDROXIDE - CAS #1310-58-3 SODIUM HYPOCHLORITE - CAS #7681-52-9 | | | | | |