HFRC 1011

nage

MATERIAL SAFETY DATA SHEET Revision Date:6/11/99 38750 ITEK MEGA PLATE ACTIVATOR Section I - Product Identification Emergency Phone Number: (24 HOURS) Manufacturer's Name CHEMTREC & (800) 424-9300 A.B. DICK COMPANY, ITEK GRAPHIX DIV. MSDS Request Phone Number: 13-900-752-5139, Ext. 2745 Street Address 811 JEFFERSON ROAD For MSDS via Fax: 1-800-995-0068 City, State, 71p Code ROCRESTER, NEW YORK 14623 Date Prepared: February 14, 1995 Product Use: PLATE ACTIVATOR. Prepared By: Kenneth W. Pinter Chemical Name, Trade Name, Synonyms; CONTRINER SIZE: 1 GAJJON. 0 - Flammability 0 - Reactivity A - Personal Protection HMIS RATING 2 - Health Section II - Ingredients Exposure Limits CAS NO. | t GT. | OSHA PEL ACGIH TLV OTHER Components | 7732-18-5 | 70-90 | N.A. N.A. WATER 1 7757-83-7 | 3-7 | N.A. N.A. SODIUM SULFITE | 1310-58-3 | 3-7 | 2 mg/m3(C). 2 mg/m3(C). POTASSIUM HYDROXIDE N-AMINO ETHYLETHANOLAMINE | 111-41-1 | 1-5 | | 1310-73-2 | 1-5 | 2 mg/M3(C). 2 mg/M3(C). SODIUM HYDROXIDE (C): CEILING Section III - Physical Data |p#: 13.8 Boiling POINT(F): > 212 Freezing Point(F): N.D. Vapor Pressure (mm Eg): N.D. IVOC: NONE Vapor Density (RIR - 1): N.D. [Color And Odor: COLORLESS/ODORLESS Specific Gravity (H2O-1): 1.102 |Physical State: LIQUID Odor Threshold: N.D. Evaporation Rate (Butyl Acetate = 1): N.D. Solubility in Water: COMPLETE. Section IV - Fire and Explosion Hazard Data |Flammable Limits: FLASH POINT (METHOD USED): NONE. TUEL: N.A. LEL: N.A. Auto-ignition Temperature: N.D. Extinguishing Media: NONE. Special Fire Fighting Procedures: NOME. Unusual Fire And Explosion Hazards: NONE.

Section V - Reactivity Data

Stability

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38750 ITEK MEGA PLATE ACTIVATOR Revision Date: 6/11/99 Incompatibility (Materials to Avoid): NONE. Hazardous Decomposition Products: NONE. Hazardous | May Occur: [Conditions to Avoid: NONE. Polymerization | Will Not Occur: X Section VI - Health Hazard Data (Acute and Chronic) Primary Route(s) of Entry: SKIN, INHALATION, INGESTION. Oral Ingestion: CORROSION OF TISSUE MAY OCCUR. NAUSEA, VOMITING, OR ABDOMINAL PAIN FOSSIBLE. LARGE DOSES OF SODIUM SULFITE MAY CAUSE CIRCULATORY DISTURBANCES AND CENTRAL NERVOUS SYSTEM DEPRESSION. Eye Contact: IRRITATION OR BURNING MAY OCCUR WITH POSSIBLE TISSUE DESTRUCTION. MAY CAUSE MODERATE TO SEVERE CORNEAL INJURY, WITH IRITIS. Skin Contact: REDDENING, SWELLING OR BURNING MAY OCCUR. PROLONGRD OR REPEATED EXPOSURE MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS OF AMINOETHYLETHANOLAMINE. Inhalation: CONCENTRATED MISTS MAY IRRITATE OR DAMAGE RESPIRATORY TRACT AND LUNGS. MAY CAUSE NAUSEA OR VOMITING. Effects of Overexposure: MAY CAUSE SYE, SKIN AND RESPIRATORY TRACT IRRITATION. Medical Conditions Generally SULFITES MAY CAUSE ALLERGIC REACTIONS IN SOME Aggravated by Exposuro | ASTRMATICS. Carcinogenicity: NONE OF THE CHEMICALS USED IN THIS PRODUCT ARE LISTED ON NTP, IARC, OR OSHA LISTINGS OF CARCINOGENS. Mutagenicity: NOT KNOWN TO BE MUTAGENIC. Teratogenicity; NOT KNOWN TO BE TERATOGENIC. Reproductive Toxicity; NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY. FIRST AID PROCEDURES Ingestion: IF CONSCIOUS, CIVE 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. Eye: FLUSH WITH WATCH FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION. CHECK FOR CORNEAL INJURY. Skin: REMOVE CONTAMINATED CLOTHING. WASH THE EXPOSED AREA THOROUGHLY WITH WATER. CONTACT A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE RE-USE. Inhalation: RZMOVE TO FRESH AIR. IF ADVERSE SYMPTOMS DEVELOP, CONTACT A PHYSICIAN. Section VII - Toxicology Information Dermal Ingredient Inhalation Oral LD50 (RATS) LD50 (RABBITS) LC50 N.A. N.A. WATER N.A. SODIUM SULFITE й.≎. N.D. 365 mg/KG. N.D. POTASSIUM HYDROXIDE N.D. N.b. N.D. n-aminoethylethanolamine 3000mg/KG 140-340mg/KG. N.D. 1350 ma/KG. SODYUM HYDROXIDE

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled: DIKE THE SPILL AND SOAK UP WITH ABSORBANT MATERIAL. PREVENT LIQUID FROM ENTERING SEWERS OR

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Disposal Method: IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

Section IX - Special Protection Information

Local Exhaust: RECOMMENDED. Special: N.A. Mechanical(General): RECOMMENDED. Other: N.A. Local Exhaust: RECOMMENDED.

Special: N.A.

Respiratory Protection: NONE REQUIRED.

Protective Clothing: GLOVES.

Eye Protection: SPLASH GOGGLES.

Other Protective Equipment: LAB COAT.

Section X - Special Precautions

Precautions to be taken in Handling and Storing: STORE AT ROOM TEMPERATURE, LAB COAT.

Other Precautions: CONTACT LENS WEARERS SHOULD WEAR REGULAR GLASSES.

Section XI - Transportation Information

Hazard Class: 8

Label: None

DOT Proper Shipping Name: Corrosive Liquids, N.O.S. (Potassium Hydroxide, Sodium Hydroxide), 8, UN1769, III, Ltd. Qty.

Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT CONTAINS POTASSIUM HYDROXIDE AND SODIUM HYDROXIDE BOTH REPORTABLE QUANTITY (RQ) SUBSTANCES.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 3G2 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312 IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

Section XIII - Addition Information

W.A. - Not Applicable The information herein given in good faith but no warranty, express or implied, is made.