J.T. BAKER COMPANY -- EDTA DISODIUM SALT DIHYDRATE CRYSTAL, 8993 -- 6810-00-300-6144

---------------------- Product Identification ----------------------

Product ID: EDTA DISODIUM SALT DIHYDRATE CRYSTAL, 8993
MSDS Date: 05/01/1989
FSC: 6810
NIIN: 00-300-6144
MSDS Number: BMGPR

--- Responsible Party ---
Company Name: J.T. BAKER COMPANY
Address: 222 RED SCHOOL LANE
City: PHILADELPHIA
State: NJ
ZIP: 08865-2219
Country: US
Info Phone Num: 201-859-2151
Emergency Phone Num: 201-859-2151
CAGE: 70829

--- Contractor Identification ---
Company Name: MALLINCKRODT BAKER, INC.
Address: 222 RED SCHOOL LANE
Box: City: PHILADELPHIA
State: NJ
ZIP: 08865
Country: US
Phone: 800-582-2537
CAGE: 70829

------------------- Composition/Information on Ingredients -------------------

Ingredient Name: ACETIC ACID (ETHYLENEDINITRIL) TETRA-, DISODIUM SALT, DIHYDRATE; (DISODIUM (ETHYLENE DINITRIL) TETRAACETIC ACID)
CAS: 6381-92-6
RETECS #: AH44100000
Fraction by Wt: 90-100%

---------------------- Hazards Identification ----------------------

LD50 LC50 Mixture: LD50: (ORL, RAT) 2000 MG/KG.
Routes of Entry: Inhalation: YES Skin: NO Ingestion: NO
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: ACUTE: INHAL: IRRITATION OF UPPER RESPIRATORY TRACT. SKIN/EYE: IRRITATION. INGEST: INGEST OF LARGE QUANTITIES MAY BE HARMFUL. CHRONIC: NONE IDENTIFIED. EXPOSURE TO PRODUCT MAY HAVE SERIOUS ADVERSE HEALTH EFFECTS. THIS CHEMICAL MAY INTERACT W/OTHER SUBSTANCES. USER SHOULD RECOGNIZE THAT PRODUCT CAN CAUSE (EFTS OF OVEREXP)
Explanation of Carcinogenicity: NOT RELEVANT
Effects of Overexposure: HLTH HAZ: SEVERE INJURY & EVEN DEATH.
Medical Cond Aggravated by Exposure: NONE IDENTIFIED.

---------------------- First Aid Measures ----------------------

First Aid: INGEST: IF SWALLOWED & PERSON IS CONSCIOUS, IMMED GIVE LG AMTS OF H2O. GET MD. INHAL: IF PERSON BREATHES IN LG AMTS, MOVE EXPOSED PERSON TO FRESH AIR. SKIN: IMMED WASH W/PLENTY OF SOAP & H2O FOR 0 LST 15 MIN. EYE: IMMED FLUSH W/PLENTY OF H2O FOR 0 LST 15 MIN.

---------------------- Fire Fighting Measures ----------------------

Extinguishing Media: USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard: NONE IDENTIFIED.

Spill Release Procedures: WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling and Storage: KEEP CNTNR TIGHTLY CLSD. SUITABLE FOR ANY GEN CHEM STOR AREA. DURING USE AVOID CNTCT W/EYES, SKIN, CLTHG. DO NOT BREATHE DUST.
Other Precautions: READ ALL PRECAUTIONARY INFORMATION.

Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR OR DUST MASK.
Ventilation: USE ADEQ GENERAL/LOCAL EXHAUST VENT TO KEEP FUME/DUST LEVELS AS LOW AS POSSIBLE.
Protective Gloves: IMPERVIOUS GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES.
Other Protective Equipment: LAB COAT. DEPENDING ON USAGE, PROT CLTHG MUST BE USED TO AVOID CNTCT W/MATL.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC: N1
Solubility in Water: APPRECIABLE (>10%)
Appearance and Odor: WHITE CRYSTALLINE POWDER, ODORLESS.
Percent Volatiles by Volume: 0

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS, CHEMICALLY ACTIVE METALS.
Stability Condition to Avoid: NONE DOCUMENTED.
Hazardous Decomposition Products: NO*X, CO, CO*2

Disposal Considerations

Waste Disposal Methods: DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.