MALLINCKRODT INC/SCIENCE PRODUCTS DIV -- MERCURIC CHLORIDE -- 6810-00-241-1190 Product ID:MERCURIC CHLORIDE MSDS Date:04/06/1989 FSC:6810 NIIN:00-241-1190 MSDS Number: BLRDK === Responsible Party === Company Name: MALLINCKRODT INC/SCIENCE PRODUCTS DIV Box:M City:PARIS State:KY ZIP:40361 Info Phone Num:(314) 982-5000 Emergency Phone Num:(606) 987-7000 CAGE:62910 === Contractor Identification === Company Name: MALLINCKRODT SPECIA LTY CHEMICALS CO Address: 222 RED SCHOOL LANE Box:City:PHILLIPSBURG

State:NJ ZIP:08865 Country:US

Phone:908-859-2151

CAGE:62910

====== Composition/Information on Ingredients ========

Ingred Name: MERCURIC CHLORIDE (SARA III)

CAS:7487-94-7

RTECS #:OV9100000 Fraction by Wt: 100%

Other REC Limits: 0.05 MG/CUM HG MSHA

OSHA PEL:0.1 MG HG/M3;SKIN;C ACGIH TLV:0.1 MG HG/M3; 9192

========== Hazards Identification ===============

LD50 LC50 Mixture:ORAL LD50 (RAT): 1 MG/K

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: IRRITATION/ULCERATION OF CONJUNCTIVA/CORNEA. SKIN: IRRITATION/BURN/HARMFUL ABSORPTION. INHALATION: HARMFUL/BREATHING DIFFICULTY/MUCOUS MEMBRANE IRRITATION/COUGH/HEADACHE. INGESTION: FATAL/TOXIC/M OUTH & PHARNYX BURNS/ABDOMINAL PAIN/VOMITING/BLOODY DIARRHEA/RAPID & WEAK PULSE/SHALLOW BREATHING/PALENESS/EXHAUSTION.

Explanation of

Carcinogenicity:NONE

Effects of Overexposure:EYES: IRRITATION/CORROSIVE. SKIN:

DERMATITIS/SENSITIVITY/RASH/CORROSIVE. INHALATION: CNS & KIDNEY DAMAGE/MUSCLE TREMORS/PERSONALITY & BEHAVIOR CHANGES/ABSORPTION.

INGESTION: METALLIC TASTE/LOOSENING O F TEETH/DIGESTIVE

DISORDERS/COLLAPSE/DELAYED DEATH MAY OCCUR FROM RENAL FAILURE.

Medical Cond Aggravated by Exposure: NERVOUS DISORDERS, IMPAIRED KIDNEY OR RESPIRATORY FUNCTION, ALLERGIES, OR A KNOWN SENSITIZATION TO MERCURY

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========== First Aid Measures ==============

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER OR MILK, OR STICKING FINGER DOWN THROAT. NEVER GIVEANYTHING BY MOUTH TO AN UNCONSCIOUSNESS PERSON. SKIN/EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

= Fire Fighting Measures ==========

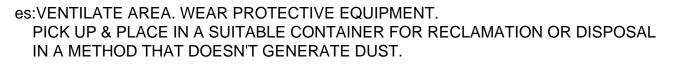
Extinguishing Media: USE ANY MEDIA SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING/NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION OR FIRE HAZARD.

======== Accidental Release Measures ===========

Spill Release Procedur



- Handling and Storage Precautions: KEEP IN A TIGHTLY CLOSED CONTAINER. STORE IN A COOL, DRY, VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE/DIRECT SUNLIGHT. DON'T WEAR CONTACT LENSES.
- Other Precautions:AVOID CROSS-CONTAMINATION OF STREET CLOTHES. AVOID CONTAC
- T W/SKIN, EYES, & CLOTHING. AVOID SPLASHING & INHALATION OF DUST.

===== Exposure Controls/Personal Protection ========

Respiratory Protection:IF >TLV, USE A DUST/MIST RESPIRATOR W/CHEMICAL GOGGLES. ALTERNATIVELY, A SUPPLIED AIR FULL FACEPIECE RESPIRATOR OR AIRLINED HOOD MAY BE WORN.

Ventilation:LOCAL/GENERAL EXHAUST: TO KEEP