

===== Product Identification =====

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

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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/MOUTH & PHARYNX

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 OF 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 GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUSNESS PERSON. SKIN/EYES: FLUSH W/PLENTY OF
WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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= 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

es:VENTILATE AREA. WEAR PROTECTIVE EQUIPMENT.

PICK UP & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL
IN A METHOD THAT DOESN'T GENERATE DUST.

===== Handling and Storage =====

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