

MALLINCKRODT INC/SCIENCE PRODUCTS DIV -- MERCURIC CHLORIDE -- 6810-00-241-1190  
===== 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 SPECIALTY 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/KG  
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

=====  
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 MIN. 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.

=====  
Accidents and Incidents

ntal Release Measures =====

Spill Release Procedures: 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 Precauti

ons: AVOID CROSS-CONTAMINATION OF STREET CLOTHES. AVOID  
CONTACT 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