

MALLINCKRODT INC,SCIENCE PRODUCT DIVISION -- MERCURY -- 6810-00-281-7450

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Product Identification
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Product ID:MERCURY

MSDS Date:08/27/1985

FSC:6810

NIIN:00-281-7450

MSDS Number: BGSMS

=== Responsible Party ===

Company Name:MALLINCKRODT INC,SCIENCE PRODUCT DIVISION

Address:675 MCDONNELL BLVD

Box:5840

City:ST. LOUIS

State:MO

ZIP:63134

Country:US

Emergency Phone Num:804-279-4371

CAGE:37940

=== Contractor Identification ===

Company Name:MALLINCKRODT INC

Address:675 MCDONNELL BLVD

Box:5840

City:ST. LOUIS

State:MO

ZIP:63134

Country:US

Phone:314-539-1600

CAGE:37940

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Composition/Information on Ingredients
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Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: 100%

OSHA PEL:S, C, 0.1 MG/M3

ACGIH TLV:S, 0.05 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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Hazards Identification
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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:ACUTE:SEE SIGNS & SYMPTOMS OF
OVEREXPOSURE. CHRONIC:CENTRAL NERVOUS SYSTEM DAMAGE,MUSCLE
TREMORS,PERSONALITY & BEHAVIOR CHANGES,METALLIC TASTE,LOOSENING OF
THE TEETH,DIGESTIVE DISORDERS,SKIN RASHES,AND KIDNEY DAMAGE.
Effects of Overexposure:EYES/SKIN:ABSORPTION PRODUCES SYMPTOMS AS
LISTED IN INHALATION;INHALATION:CENTRAL NERVOUS SYSTEM
IMPAIRMENT
(TREMOR,IRRITABILITY),CHEST
PAIN,DYSPNEA,COUGH,INFLAMMATION OF MOUTH,LOOSE TEETH,KIDNEY DAMAGE
;INGESTION:THRUST,ABDOMINAL DISCOMFORT.
Medical Condition Aggravated by Exposure:NERVOUS DISORDERS,IMPAIRED KIDNEY
OR RESPIRATORY FUNCTION,ALLERGIES.

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First Aid Measures
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First Aid:EYES:FLUSH WITH PLENTY OF WATER.SEE DOCTOR
IMMEDIATELY;SKIN:REMOVE CONTAMINATED CLOTHING & SHOES.FLUSH WITH
PLENTY OF WATER.SEE DOCTOR IMMEDIATELY;INHALATION
:REMOVE TO FRESH
AIR.GIVE CPR/OXYGEN IF NEEDED.SEE DOCTOR;INGESTION:SEE DOCTOR
IMMEDIATELY.NOTHING BY MOUTH IF UNCONSCIOUS.

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Fire Fighting Measures
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Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:WILL EVAPORATE WHEN HEATED CREATING TOXIC
FUMES.

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Accidental Release Measures
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Spill Release Procedures:DO
NOT FLUSH TO SEWER.ISOLATE
AREA.VENTILATE.WEAR RESPIRATOR.USE SUCTION BOTTLE WITH CAPILLARY
TUBE FOR SMALL AMOUNTS,VACUUM EQUIPMENT SHOULD BE PROVIDED WITH
MERCURY VAPOR ABSORBANT.COVER SPILL WITH POWDERED SULFUR & FLOOR
SWEEPING COMPOUND-SEE SUP

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Handling and Storage
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Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED
CONTAINER.STORE IN A COOL,DRY,VENTILATED AREA AWAY FROM HEAT OR
IGNITION SOURCES.PROTECT AGAINST P

PHYSICAL DAMAGE.

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

Respiratory Protection:IF TLV IS EXCEEDED WEAR A SUPPLIED AIR,FULL-FACEPIECE RESPIRATOR,AIRLINED HOOD OR SCBA.

Ventilation:LOCAL EXHAUST PREFERRED.

Protective Gloves:IMPERVIOUS.

Eye Protection:GOGGLES.

Other Protective Equipment:EYEWASH & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS,FACE,FOREARMS,NECK WHEN EXITING RESTRICTED AREAS.-SEE SUPPLEMENTAL DATA.

Supplemental Safety and Health

SPILL PROCEDURE

RES,CONTINUED:SWEEP UP & PLACE IN APPROPRIATE DISPOSAL CONTAINER FOR RECLAMATION OR DISPOSAL.-HYGIENE PRACTICES,CONT'D:SHOWER,DISPOSE OF OUTER CLOTHING & CHANGE TO CLEAN CLOTHING AT END OF DAY.AVOID CROSS-CONTAMINATION OF STREET CLOTHES.WASH HANDS BEFORE EATING & DO NOT EAT,DRINK,SMOKE IN WORKPLACE.

===== Physical/Chemical Properties =====

HCC:T6

Boiling Pt:B.P. Text:674F(357C)

Melt/Freeze Pt:M.P/F.P Text:-38F(-39C)

Vapor Pres:1

Spec Gravity:13.

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Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-WHITE,HEAVY,MOBILE,LIQUID METAL.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACETYLENE,AMMONIA,ETHYLENE OXIDE,METHYL SILANE,STRONG OXIDANTS,METAL CARBONYLS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:EXTREMELY TOXIC FUMES.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN A RCRA-APPROV

ED WASTE

FACILITY.FOLLOW ALL APPLICABLE REGULATIONS.

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