

J.T.BAKER CHEMICAL CO -- MERCURY (METAL) -- 6810-00-281-7452

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

Product ID:MERCURY (METAL)

MSDS Date:08/28/1989

FSC:6810

NIIN:00-281-7452

MSDS Number: BWGYD

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:800-JTBAKER

Emergency Phone Num:201-859-2151/800-424-9300(
CHEMTR)

CAGE:DO870

=== Contractor Identification ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt:

90-100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 0.1 MG/M3; Z-2
ACGIH TLV:S, 0.05 MG/M3; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CHRONIC EFFECTS: KIDNEY DAMAGE, LIVER
DAMAGE, CENTRAL NERVOUS SYSTEM DEPRESSION, HEADACHE, SHAKES, LOOSE
TEETH, IMPAIRED MEMORY, LOSS OF APETITE,
SKIN ULCERATION, MERCURY
BUILD-UP IN THE BRAIN, LIVER AND LIDNEYS.
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:INHALATION-COUGHING, CHEST PAIN, HEADACHE,
NAUSEA, VOMITING, DIARRHEA, PULMONARY EDEMA, KIDNEY DAMAGE.
SKIN-IRRITATION, DERMATITIS. EYE-IRRITATION. INGESTION-CORROSION OF
MOUTH, THROAT AND STOMACH, GA STROINTESTINAL PAIN, GASTROINTESTINAL
IRRITATION, NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:ALCOHOLISM, KIDNEY D
ISORDERS.

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

First Aid:INGESTION-CALL A PHYSICIAN. IF SWALLOWED, IF CONSCIOUS,
IMMEDIATELY INDUCE VOMITING. INHALATION-REMOVE TO FRESH AIR. IF NOT
BREATHING, GIVE CPR. IF BREATHING IS HARD, GIVE OXYGEN.
SKIN-IMMEDIATELY FLU SH SKIN WITH PLENTY OF WATER FOR AT LEAST 15
MIN. EYE-IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR AT LEAST 15 MINUTES.

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

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE
EQUIPMENT & SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE
OPERATED IN POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING. CLE

AN UP SPILL IMMEDIATELY. COLLECT AND
STORE USING A SUCTION PUMP WITH A CAPILLARY TUBE. CALCIUM
POLYSULFIDE WITH EXCESS SULFUR SHOULD BE SPRINKLED INTO CRACKS.
KEEP IN A BOTTLE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN SECURE POISON AREA.

Other Precautions:RQ=1 LB.

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

==

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION
CONDITIONS EXIST. IF AIRBORNE CONCENTRATIONS EXCEED TLV, A
SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS.

Protective Gloves:RUBBER GLOVES RECOMMENDED.

Eye Protection:SAFETY GOGGLES & FACE SHIELD.

Other Protective Equipment:UNIFORM, PROTECTIVE SUIT RECOMMENDED.

Work Hygienic Practices:WASH AFTER HANDLING.

Supplemental Safety and Health

STOR

AGE COLOR CODE: BLUE (HEALTH)

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

HCC:T6

Boiling Pt:=357.C, 674.6F

Melt/Freeze Pt:=-39.C, -38.2F

Vapor Pres:.001

Vapor Density:7.0

Spec Gravity:13.5

Evaporation Rate & Reference:4 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SILVERY-WHIE LIQUID METAL.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG

ACIDS, AZIDES, AMMONIA, ALKALI METALS, ALUMINUM, STRONG
OXIDIZING AGENTS, ACETYLENE.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:NONE IDENTIFIED.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the De
partment

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.