

J.T.BAKER CHEMICAL CO -- CADMIUM -- 6810-00-975-0693

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

Product ID:CADMIUM

MSDS Date:05/13/1993

FSC:6810

NIIN:00-975-0693

MSDS Number: BWFB

=== 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)

Prepare

r's Name:QUALITY ASSURANCE DEPT.

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:CADMIUM (AS CD);(SARA III)

CAS:7440-43-9

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TECS #:EU9800000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG/M3 DUST; Z-2
ACGIH TLV:0.01 MG/M3 DUST;9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:ORAL RAT LD50 FOR CADMIUM: 225 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:INHALATION- IRRITATION OF MUCOUS
MEMBRANES. MAY BE FA
TAL. EYES- IRRITATION. INGESTION- IS HARMFUL
AND MAY BE FATAL. TARGET ORGANS: RESPIRATORY SYSTEM, LUNGS,
KIDNEYS, BLOOD, PROSTATE. CHRONIC EFFE CTS: LUNG DAMAGE, KIDNEY
DAMAGE.
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:INHALATION- DRYNESS OF MOUTH AND THROAT,
HEADACHE, NAUSEA, AND DIZZINESS.
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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= First Aid Measures =====

First Aid:EYES: IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15
MINUTES WHILE LIFTING EYELIDS OPEN. IF IRRITATION DEVELOPS OR
PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND PLENTY OF
WATER. IF I RRITATION DEVELOPS OR PERSISTS, GET MEDICAL ATTENTION.
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF REQUIRED.
INGESTION: INDUCE VOMITING, IF PRSON IS CONSCIOUS. GET MEDICAL
ATTENTION.

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== Fire Fighting Measures =====

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRES. USE
WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:CONTACT WITH STRONG OXIDIZERS MAY CAUSE
FIRE OR EXPLOSION.

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

Spill Release

Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CARDFULLY PLACE
MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA.
FLUSH SPILL AREA WITH WATER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN SECURE POISON AREA. ISOLATE FROM INCOMPATIBLE MATERIALS.

Other Precautions:NONE

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

Respiratory Protection:CONCENTRATIONS UP TO 1 PPM: A HIGH-EFFICIENCY
PARTICULATE RESPIRATOR. CONCENTRATIONS >1 PPM: SELF-CONTAINED
BREATHING APPARATUS IS ADVISED.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION IN SUFFICIENT VOLUME AND
PATTERN SO AS TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:UNIFORM AND APRON.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING THIS
MATERIA

L.

Supplemental Safety and Health

NONE

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

HCC:V7

Boiling Pt:=767.2C, 1413.F

Melt/Freeze Pt:=321.1C, 610.F

Vapor Density:3.9

Spec Gravity:8.64

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLUE-WHITE SOLID. ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, NITRATES, NITRIC ACID.

Stability Condition

to Avoid:NONE DOCUMENTED
Hazardous Decomposition Products:CADMIUM FUMES.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND
LOCAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER: D006 (EP TOXIC
WASTE).

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