

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

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Product Identification
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Product ID:CADMIUM

MSDS Date:05/13/1993

FSC:6810

NIIN:00-975-0693

MSDS Number: BWFBB

=== 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

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Composition/Information on Ingredients
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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

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===== 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 IRRITATION 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.

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

Spill Release

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

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Handling and Storage
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Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN SECURE POISON AREA. ISOLATE FROM INCOMPATIBLE MATERIALS.
Other Precautions:NONE

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Exposure Controls/Personal Protection
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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 MATERIAL
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Supplemental Safety and Health
NONE

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Physical/Chemical Properties
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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

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Stability and Reactivity Data
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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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