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

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)

Prepar

er'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

RTECS #: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 F ATAL. 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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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	=================
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Spill Release

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 Protecti on ========
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 MATERI  AL.  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

Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND

FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CARDFULLY PLACE

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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