



Search



MSDS : LEAD DIOXIDE, 2351
CAS : 1309-60-0
NAME : lead dioxide

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Product Identification
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MSDS NAME:LEAD DIOXIDE, 2351
NIIN:00N049490
MSDS Number: BVHXL
=== Responsible Party ===
Company:J T BAKER INC
Address:222 RED SCHOOL LANE
City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Info Phone Num:800-582-2537
Emergency Phone Num:800-859-2151;800-424-9300(CHEMTREC)
CAGE:D0803

==== Contractor Identification ===

Company:J T BAKER INC
Address:222 RED SCHOOL LANE
City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Phone:1-800-582-2537
CAGE:D0803
Company: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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Name:LEAD DIOXIDE
CAS:1309-60-0
RTECS #:0G0700000
Fraction by Wt: 95-100%
OSHA PEL:0.05 MG/M3 (PB)
ACGIH TLV:0.15 MG/M3 (PB)

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL: IRRITATION OF UPPER RESP TRACT.
SKIN/EYE CONTACT: IRRITATION. INGEST: HEADACHE, NAUSEA, VOMITING,
GASTROINTESTINAL IRRITATION, CONVULSIONS, UNCONSCIOUSNESS, AND MAY
BE FATAL. CHRONIC: ANEMIA, K IDNEY DAMAGE, BLURRED VISION, LEAD
BUILD-UP IN THE CENTRAL NERVOUS SYSTEM. TARGET ORGANS: GI TRACT,
(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: CENTRAL NERVOUS SYSTEM, GINGIVAL TISSUE, KIDNEYS, BLOOD. NOTE: LEAD COMPOUNDS APPEAR ON THE NAVY LIST OF OCCUPATIONAL CHEMICAL REPROD HAZS. SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST HAZ LIST INFORMATION AND SAFE HANDLING AND EXPOSURE INFORMATION .

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures

First Aid:INGEST: CALL MD. IF SWALLOWED, IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING. INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN: FLUSH SKIN WITH WATER. EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN.

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Fire Fighting Measures

Extinguishing Media:USE WATER SPRAY.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONTACT WITH COMBUSTIBLE MATERIALS, FLAMMABLE MATERIALS, OR POWDERED METALS CAN CAUSE FIRE OR EXPLOSION. CAN REACT VIOLENTLY WITH SHOCK, FRICTION OR HEAT.

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Accidental Release Measures

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE CLOTHING. KEEP COMBUSTIBLE (WOOD, PAPER, OIL, ETC) AWAY FROM SPILLED MATERIAL. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER & COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE SEPARATELY AND AWAY FROM FLAMMABLE AND COMBUSTIBLE MATERIAL. ISOLATE FROM INCOMPATIBLE MATERIALS.

Other Precautions:KEEP FROM CONTACT WITH CLOTHING. DO NOT GET IN EYES OR ON SKIN. DO NOT BREATHE DUST.

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Exposure Controls/Personal Protection

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH/MSHA APPROVED HIGH-EFFICIENCY PARTICULATE RESPIRATOR IS RECOMMENDED. IF CONCENTRATION EXCEEDS CAPACITY OF RESPIRATOR, A NIOSH/MSHA APPROVED SCBA IS ADVISED.

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

Protective Gloves:BUTYL RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:UNIFORM, APRON ARE RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties

Vapor Density:8.2

Specific Gravity:9.38

Solubility in Water:NEGLIGIBLE (<0.1%)

Appearance and Odor:DARK BROWN POWDER. ODORLESS.

Percent Volatiles by Volume:0

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES

STRONG REDUCING AGENTS, COMBUSTIBLE MATERIALS, ORGANIC MATERIALS,
CHEMICALLY ACTIVE METALS.

Stability Condition to Avoid:SHOCK, FRICTION, HEAT.

Hazardous Decomposition Products:LEAD FUMES.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS
WASTE NUMBER D001 (IGNITABLE WASTE).

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CAS

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1309-37-1
9016-45-9
126-86-3

[MAGNAGLO MAGNETIC PARTICLE PREMIX 20B,\(SUPP DATA\)](#)

1303-96-4
1309-37-1
9016-45-9
126-86-3

[FIBER INSULATION, RPC 2500-W](#)

65997-17-3
1344-28-1
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14464-46-1

[FIBER INSULATION, RPC 2600-W](#)

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[FIBER INSULATION, RPC 2700-W](#)

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[FIBER INSULATION, RPC 2800-W](#)

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[FIBER INSULATION, RPC A5-W](#)

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[LUBRICANT, LAP-5-0001-001-0230](#)

102-71-6
111-42-2

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102-71-6
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102-71-6

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BATTERY WET, FILLED WITH SULPHURIC ACID	7439-92-1
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VULTEX, 1-V-10	
TECH ALLOY, 120S-2	
NITROGEN IN HELIUM 0.0001% TO 50%, G-154	
BLACK JACK LAP CEMENT	8052-41-3
SHUR-STK NON-SHRINK SPACKLING	63231-67-4
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MILL WHITE EGGSHELL MAINT FINISH, 380-101 WHITE	
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