

J T BAKER INC -- ZINC, POWDER, 4282 -- 6810-00-956-5671

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Product Identification  
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Product ID:ZINC, POWDER, 4282

MSDS Date:03/09/1992

FSC:6810

NIIN:00-956-5671

MSDS Number: BSHLF

=== Responsible Party ===

Company Name: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:908-859-2151;800-424-9300(CHEMTREC)

CAGE:DO803

=== Contractor Identification ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:1-800-582-2537

CAGE:DO803

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:ZINC (SARA III)

CAS:7440-66-6

RTECS #:ZG8600000

Fraction by Wt: 99-100%

OSHA PEL:N/K

ACGIH TLV:N/K  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

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:ACUTE:INHAL:IRRITATION OF UPPER  
RESPIRATORY TRACT, HEADACHE, NAUSEA, VOMITING, DIARRHEA, CHILLS,  
FEVER, ACHING MUSCLES. SKIN:PROLONGED CONTACT MAY CAUSE DERMATITIS.  
ING  
EST:HEADACHE, NAUSEA, VOMITING, DIZZINESS, GASTROINTESTINAL  
IRRITATION.CHRONIC:NONE IDENTIFIED. TARGET ORGANS:RESPIRATORY  
SYSTEM, (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ:LUNGS, PULMONARY SYSTEM, SKIN.  
Medical Cond Aggravated by Exposure:RESPIRATORY SYSTEM DISEASE,  
GASTROINTESTINAL DISORDERS.

===== 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 W/ WATER. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT  
LEAST 15 MINUTES.

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

Flash Point Method:CC  
Extinguishing Media:SMOTHER W/DRY SODA ASH. NEVER USE WATER OR CHEMICAL  
FIRE EXTINGUISHERS.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE  
EQUIP  
MENT .  
Unusual Fire/Explosion Hazard:DUST MAY FORM EXPLOSIVE MIXTURE W/AIR.  
REACTS VIOLENTLY W/WATER OR ACIDS PRODUCING HIGHLY FLAMMABLE  
VAPORS. CONTACT W/STRONG OXIDIZERS MAY CAUSE FIRE/EXPLOSION.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. SHUT OFF  
IGNITION SOURCES; NO FLARES, SMOKING OR FLAMES IN AREA. DO NOT USE  
WATER. CAREFULLY SWEEP UP & REMOVE. FLUSH AREA W/WATER.  
Neutralizing Agent:NONE

SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLSD. STORE IN COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAT, SPKS/FLAME. ISOLATE FROM INCOMPAT MATLS. STORE SEPARATELY.

Other Precautions:DANGEROUS WHEN WET, SPONTANEOUSLY COMBUST. FLAMM SOLID. MAY CAUSE IRRIT. REACTS VIOLENTLY W/WATER & ACIDS. MAY BE HARMFUL IF SWALLOWED/INHALED. DUST MAY FORM FLAMM & EXPLO MIXT W/AIR, ESP WHE

N DAMP. K EEP FROM ANY POSS CONT W/WATER. (SUPDAT)

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR OR DUST MASK.

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:SAFETY GOGGLES.

Other P

rotective Equipment:LAB COAT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

OTHER PREC:AVOID CONTACT W/EYES, SKIN, CLOTHING. AVOID BREATHING DUST. USE W/ADEQUATE VENTILATION.

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

Boiling Pt:B.P. Text:1664F,907C

Melt/Freeze Pt:M.P/F.P Text:786F,419C

Spec Gravity:7.14 (H\*2O=1)

Solubility in Water:NEGLIGIBLE (