

J.T. BAKER COMPANY -- LEAD NITRATE -- 6810-00-236-5359

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

Product ID:LEAD NITRATE

MSDS Date:02/01/1988

FSC:6810

NIIN:00-236-5359

MSDS Number: CCMHS

=== Responsible Party ===

Company Name:J.T. BAKER COMPANY

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:908-859-2151

Emergency Phone Num:908-859-2151/800-424-9300(CHEMTRE  
C)

CAGE:70829

=== Contractor Identification ===

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:LEAD NITRATE (SARA 313)

CAS:10099-74-8

RTECS #:OG2100000

Fraction by Wt: 99-100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15 MG(PB)/M3; 9596

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 93 MG/KG (RTECS).

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION IS HARMFUL AND MAY BE FATAL.

INHALATION OF DUST MAY CAUSE TIGHTNESS AND PAIN IN CHEST, COUGHING AND DIFFICULTY IN BREATHING. CONTACT WITH SKIN OR EYES MAY CAUSE IRRITATION. CHRONIC EFFECTS: ANEMIA, KIDNEY DAMAGE, IMPAIRED

EYESIGHT AND LEAD BUILDUP IN CENTRAL NERVOUS SYSTEM (ESPECIALLY BRAIN).

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:TIGHTNESS IN CHEST, PAIN IN CHEST, COUGHING, DIFFICULT BREATHING, EYE IRRITATION, SKIN IRRITATION, NAUSEA, VOMITING, HEADACHES, DIZZINESS, GASTROINTESTINAL IRRITATION, ANEMIA, KIDNEY DAMAGE, IMPAIRED EYESIGHT, LEAD BUILDUP

IN CENTRAL NERVOUS SYSTEM.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SEE PHYSICIAN. SKIN:FLUSH WITH WATER, THEN WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK WATER & INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENT

ER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER SPRAY. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITH

OUT RISK.

Unusual Fire/Explosion Hazard:STRONG OXIDIZIER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. CAN REACT VIOLENTLY WITH SHOCK, FRICTION OR HEAT.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. AVOID MAKING DUST. SWEEP UP AND PLACE IN A SUITABLE CONTAINER FOR LATER DISPOSAL. WASH SPILL SITE WELL WITH SOAP AND WATER AFTER PICK UP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURE R.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED PLACE AWAY FROM COMBUSTIBLE MATERIALS AND FIRE HAZARDS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:POISON AND OXIDIZER. AVOID CREATING DUST. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF DUST OR FUME. KEEP OUT OF REACH OF CHILDREN. OBEY HAZARD WARNING LABEL. FOR LABORATORY USE ONL Y. NOT FOR DRUG, FOOD OR HOUSEHOLD USE.

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

Respiratory Protection:NONE SHOULD BE NEEDED IN NORMAL LABORATORY HANDLING. IF DUSTY CONDITIONS PREVAIL, WORK IN A FUME HOOD OR WEAR A NIOSH- APPROVED DUST RESPIRATOR OR DUST MASK. IN EMERGENCY, WEAR NIOSH-APPROVED SELF-CON TAINED BREATHING APPARATUS.

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

Protective Gloves:RUBBER, LATEX

Eye Protection:SAFETY GOGGLES/CHEMICAL SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:D2

NR/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:878F,470C

Decomp Temp:Decomp T

ext:878F,470C  
Vapor Pres:NEGLIGIBLE  
Vapor Density:11.0  
Spec Gravity:4.53  
Viscosity:NOT RELEVANT  
Evaporation Rate & Reference:NOT RELEVANT  
Solubility in Water:APPRECIABLE  
Appearance and Odor:WHITE OR COLORLESS TRANSLUCENT CRYSTALS - ODORLESS  
Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES  
COMBUSTIBLE MATERIALS, ORGANIC MATERIALS, STRONG REDUCING AGENTS  
Stability Condition to Avoid:SHOCK, FRICTION,  
HEAT, DUSTING  
Hazardous Decomposition Products:MAY FORM OXIDES OF NITROGEN, LEAD  
FUME.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS. MAY BE DISPOSED OF IN AN APPROVED CHEMICAL  
LANDFILL OR CONTRACT WITH A LICENSED WASTE DISPOSAL SERVICE.

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