

J T BAKER -- MERCUROUS NITRATE MONOHYDRATE, 2660 -- 6810-00-984-9774

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Product Identification  
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Product ID:MERCUROUS NITRATE MONOHYDRATE, 2660

MSDS Date:05/01/1989

FSC:6810

NIIN:00-984-9774

MSDS Number: BTQZH

=== Responsible Party ===

Company Name:J T BAKER

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:1-800-582-2537

Emergency Phone Num:908-859

-2151;800-424-9300(CHEMTREC)

CAGE:DO811

=== Contractor Identification ===

Company Name:J T BAKER

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:DO811

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:MERCURY (I) NITRATE (1:1); (MERCUROUS NITRATE) (SARA III)

(MFR CAS #S: 14836-60-3 & 7782-86-7)

CAS:10315-75-5

RTECS #:OW8000000

Fraction by Wt: 90-100%

OSHA PEL:0.1 MG HG/M3,S, C

ACGIH TLV:0.1 MG HG/M3, S

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) 170 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:INHAL: HEADACHE, COUGHING, DIZZINESS,  
DIFFICULT BREATHING. SKIN: IRRITATION. EYE: IRRITAT

ION. SKIN

ABSORPTION: NONE IDENTIFIED. INGEST: NONE IDENTIFIED, NAUSEA,  
VOMITING, DIZZINESS, UNCONSCIOUSNESS. C HRONIC: MERCURY BUILD-UP IN  
THE BRAIN, LIVER & KIDNEYS, HEADACHE, SHAKES, LOOSE TEETH, LOOSE OF  
(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: APPETITE. ULCERATION, IMPAIRED

MEMORY. MERCURY COMPOUND APPEARS ON THE NAVY LIST OF OCCUP CHEM  
REPROD HAZ. CONSULT APPROPRIATE HEALTH PROFESSIONALS CONCERNING  
LATEST HA

ZARD LIST INFORMATION AND SAFE HANDLING AND EXPOSURE  
INFORMATION .

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:INGEST: CALL A PHYSICIAN. IF CONSCIOUS, IMMEDIATELY INDUCE  
VOMITING. INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTF  
RESP. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN: IMMEDIATELY  
FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MIN. EYE:  
IMMEDIATELY FLUSH WITH PLENTY O  
F WATER FOR AT LEAST 15 MIN.

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

Extinguishing Media:USE WATER SPRAY.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP  
MOVE CNTNRS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE  
WATER TO KEEP FIRE-EXPOSED CNTNRS COOL.

Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONTACT WITH OTHER  
MATERIAL MAY CAUSE FIRE. CLOSED CONTAINERS EXPOSED TO HEAT MAY  
EXPLODE.

===== Accidental Re

Release Measures =====

Spill Release Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT CLTHG.  
KEEP COMBUST (WOOD, PAPER, OIL, ETC). AWAY FROM SPILLED MATERIAL.  
WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY  
CONTAINER AND COVER, REMOVE FROM AREA. FLUSH SPILL AREA WITH  
WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOS  
ED. STORE

SEPARATELY AND AWAY FROM FLAMMABLE AND COMBUSTIBLE MATERIALS. KEEP  
CONTAINERS OUT OF SUN AND AWAY FROM HEAT.

Other Precautions:KEEP FROM CONTACT WITH CLOTHING AND OTHER COMBUSTIBLE  
MATLS. DO NOT GET GET IN EYES, ON SKIN OR CLOTHING. AVOID BREATHING  
DUST. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION  
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEED  
S TLV, A

NIOSH/MSHA APPROVED SCBA IS ADVISED.

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

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKER GOGGLES .

Other Protective Equipment:UNIFORM & APRON ARE RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Vapor Density:1

Spec Gravity:4.78 (  
H\*2O=1)

Solubility in Water:COMPLETE (100%)

Appearance and Odor:SOLID. COLORLESS CRYSTALS, ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

MOST COMMON METALS, COMBUSTIBLE MATERIALS, STRONG REDUCING AGENTS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSE

IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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