

J T BAKER -- MERCURIC NITRATE MONOHYDRATE, 2614 -- 6810-00-984-9770

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Product Identification
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Product ID:MERCURIC NITRATE MONOHYDRATE, 2614

MSDS Date:05/01/1989

FSC:6810

NIIN:00-984-9770

MSDS Number: BTMY Y

=== Responsible Party ===

Company Name:J T BAKER

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:908-859-215

1;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 (II) NITRATE (1:2); (MERCURIC NITRATE, MONOHYDRATE)

(SARA III) (MFR CAS NO:7783-34-8)
CAS:10045-94-0
RTECS #:OW8225000
Fraction by Wt: 90-100%
OSHA PEL:0.1 MG/M3(HG), S, C
ACGIH TLV:0.1 MG/M3(HG), S
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) 51.4 MG/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHAL:IS HARMFUL & MAY BE FATAL,
IRRIT OF UPP
ER RESP TRACT, NAUS, VOMIT, GI IRRIT. SKIN/EYE
CONT:IRRIT. SKIN ABSORP:RAPID. INGEST:IS HARMFUL & MAY BE FATAL,
NAUS, VOMIT, GI IRRIT, BURNS TO MOUTH & THROAT. CHRONIC:MERCURY
BUILD-UP IN BRAIN, LIVER & KIDNEYS, HDCH, SHAKES, LOOSE TEETH, LOSS
OF (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:APPETITE, SKIN ULCERATION, IMPAIRED
MEMORY. TARGET ORGANS:EYES, SKIN, RESP SYS, LUNGS, LIVER, KIDNEYS,
CNS, TEETH. NOTE:MERCURY CMPDS
APPEAR ON NAVY LIST OF OCCUP CHEM
REPRO HAZS. SEEK CONSUL TATION FROM APPROP HLTH PROFESSIONALS
CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS INFO .
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:INGEST:CALL MD. IF SWALLOWED, IF CONSCIOUS, GIVE LARGE
AMOUNTS OF WATER. INDUCE VOMITING. INHAL:REMOVE TO FRESH AIR. IF
NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT
, GIVE OXYG EN. SKIN:IMMEDIATELY FLUSH W/PLENTY OF WATER
FOR AT LST 15 MINS WHILE REMOVING CONTAMINATED CLOTHING & SHOES.
WASH CLOTHING BEFORE REUSE. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER
FOR AT LST 15 MINS.

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

Flash Point Method:CC
Extinguishing Media:USE WATER SPRAY.
Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .
MOVE CNTNRS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. USE WATER
T

O KEEP FIRE-EXPOS CNTNRS COOL.

Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONT W/COMBUST MATLS,
FLAMM MATLS/POWDERED METALS CAN CAUSE FIRE/EXPLO. CAN REACT
VIOLENTLY W/SHOCK, FRICTION/HEAT. NOTE: DECOMPOSES AT(SUPDAT)

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

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROT
CLTHG. KEEP COMBUSTS (WOOD, PAPER, OIL, ETC) AWAY FROM SPILLED
MATL. WITH CLEAN SHOVEL, CAREFULLY PLACE MATL INTO CLEAN, DRY
CNTNR

& COVER; REMOVE FROM AREA. FLUSH SPILL AREA W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLSD. STORE
SEPARATELY & AWAY FROM FLAMM & COMBUST MATLS. ISOLATE FROM INCOMPAT
MATLS. KEEP PROD OUT OF LIGHT. MATL IS HYGROSCOPIC.

Other Precautions:HARMFUL IF ABSORBED THRU SKIN. MAY BE FATAL IF
SWALLOWED/INHALED. STRONG OXIDIZER. POISON. KEEP FROM C
ONT W/CLTHG

& OTHER COMBUST MATLS. DO NOT GET IN EYES, ON SKIN, ON CLTHG. DO
NOT BREATHE DUST. USE W/ADEQ VENT. DANGER OF (SUPP DATA)

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A
NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

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

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD SAFETY GOGGLES .

Other Protective Equipment:UNIFORM & APRON ARE RECOMMENDED. LAB COAT.
ANSI APPROVED EMERGENCY EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EXPLO HAZ:BOILING POINT. OTHER PREC:CUMULATIVE EFTS. KEEP LOCKED UP &
OUT OF REACH OF CHILDREN. KEEP AWAY FROM FOOD, DRINK & ANIMAL
FEEDING STUFFS. IN CASE OF ACCIDENT/IF YOU FEEL UNWELL, SEEK

MED

ADV ICE IMMED (SHOW LABEL WHERE POSS). READALL PRECAUTIONARY INFORMATION.

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

Melt/Freeze Pt:M.P/F.P Text:174F,79C

Vapor Density:11

Spec Gravity:4.3 (H*2O=1)

Solubility in Water:APPRECIABLE (>10%)

Appearance and Odor:WHITE TO YELLOW CRYSTALLINE POWDER; ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLE MAT

ERIALS, ORGANIC MATERIALS, STRONG REDUCING AGENTS,
HYDROPHOSPHOROUS ACID.

Stability Condition to Avoid:HEAT, SHOCK, FRICITION, DUSTING.

Hazardous Decomposition Products:OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE &
LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER: D001
(IGNITABLE WASTE).

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