

MALLINCKRODT BAKER, INC. -- AMMONIUM-MOLYBDATE,4-HYDRATE -- 6810-00-264-6611

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

Product ID:AMMONIUM-MOLYBDATE,4-HYDRATE

MSDS Date:01/04/1994

FSC:6810

NIIN:00-264-6611

MSDS Number: BDQSP

=== Responsible Party ===

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:908-859-2151

Emergency Phon

e Num:908-859-2151

CAGE:HO851

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:MALLINCKRODT BAKER INC

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:HO851

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-58

2-2537
CAGE:70829

=====
Composition/Information on Ingredients
=====

Ingred Name:MOLYBDIC ACID,HEXAAMMONIUM SALT/AMMONIUM HEPTAMOLBDATE
TETRAHYDRATE
CAS:12027-67-7
RTECS #:QA5076000
Fraction by Wt: 99- 100%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV: 5 MG/M
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and
Chronic:INHALATION-IRRITATION OF UPPER
RESPIRATORY TRACT. SKIN-IRRITANTATION. EYE-IRRITATION.
INGESTION-MAY BE HARMFUL. CHRONIC: NONE IDENTIFIED.
Explanation of Carcinogenicity:NOT CARCINOGENIC.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:INGESTION-CALL A PHYSICIAN. DO NOT INDUCE VOMITING. IF
CONSCIOUS, GIVE WATER, MILK OR MILK OG MAGNESIA
. INHALATION-REMOVE
TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF
BREATHING IS D IFFICULT, GIVE OXYGEN. SKIN-FLUSH SKIN WITH WATER.
EYE-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

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

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE
EQUIPMENT & SELF-CONTAINED BREATHING APPARATUS

WITH FULL FACEPIECE

OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE. MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. 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 CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.

Other Precautions:STORAGE COLOR CODE: ORANGE (GENERAL STORAGE).

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION

CONDITIONS EXIST. IF AIRBORNE CONCENTRATIONS EXCEEDS TLV, A DUST/MIST RESPIRATOR IS RECOMMENDED. IF CONCENTRATION EXCEED CAPACITY OF RESPIRATOR, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

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

Protective Gloves:RUBBER GLOVES ARE RECOMMENDED.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental S
afety and Health
NONE.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:374F,190C

Vapor Density:2.5

Spec Gravity:2.27

Solubility in Water:APPRECIABLE.

Appearance and Odor:SOLID. WHITE TO YELLOW-GREEN CRYSTALS. ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Product

s:AMMONIA.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL,
STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.