

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

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Composition/Information on Ingredients  
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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

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Hazards Identification  
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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.

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First Aid Measures  
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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.

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Fire Fighting Measures  
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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.

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