

SPECTRUM CHEMICAL MFG.,CORP. -- MERCURY PERNITRATE (MERCURIC NITRATE) --  
6810-00-241-1095

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Product Identification  
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Product ID:MERCURY PERNITRATE (MERCURIC NITRATE)

MSDS Date:06/01/1983

FSC:6810

NIIN:00-241-1095

MSDS Number: BDMHJ

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MFG.,CORP.

Address:14422 S.SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248

Country:US

Info Phone Num:2

13-516-8000

Emergency Phone Num:213-516-8000

CAGE:63415

=== 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:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

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Composition/Information on Ingredients  
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Ingre

d Name:MERCURIC NITRATE (SARA III)  
CAS:10045-94-0  
RTECS #:OW8225000  
OSHA PEL:0.1 MG HG/M3;SKIN;C  
ACGIH TLV:0.1 MG HG/M3; 9192  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:IPR-MUS LD50:8MG/K;SCU-MUS:20MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE:CAUSES SKIN  
IRRITATION,NAUSEA,VOMITING,ABDOMINAL PAIN,BURNS,DEATH. CHRONIC:NONE  
INDICATED BY THE MFR.MAY HA  
VE SOME DAMAGE TO CNS.  
Effects of Overexposure:TOXIC MATERIAL;CAUSES SKIN  
IRRITATION,NAUSEA,VOMITING,ABDOMINAL PAIN,BURNS,DEATH.  
Medical Cond Aggravated by Exposure:NOT SPECIFIED BY THE MFR

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H\*20 FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

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

Flash Point:NONE  
Extinguishing Media:NONE NOTED;USE SUITABLE MEDIA FOR SURROUNDING  
FIRES.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.  
Unusual Fire/Explosion Hazard:NONE NOTED;USE REASONABLE CARE.

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

Spill Release Procedures:USE FULL PROTECTIVE EQUIPMENT;SWEEP UP OR  
VACUUM AND COLLECT FOR PROPER DISPOSAL.WASH THOROUGHLY THE AREA

WITH LARGE AMOUNT OF WATER.USE CARE,THE MATERIAL IS POISON.

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

Handling and Storage Precautions:MATERIAL IS DELIQUESCENT;KEEP CONTAINER TIGHTLY CLOSED.STORE IN A COOL,DRY,DARK,FIREPROOF,WELL-VENTILATED AREA.KEEP AWAY FROM FLAMMABLE MATEREALS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST OR FOR MERCURY DUST/FUMES.

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND EYES;DO NOT BREATHE DUST OR FUMES;DO NOT EAT,DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

MSDS RECEIVED BY DGSC:9 OCT 87.

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

HCC:D1

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

Spec Gr

avity:4.39

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE OR SLIGHTLY YELLOW CRYST POWDER,NITRIC ACID ODOR

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

Stability Indicator/Materials to Avoid:YES

ACETYLENE,ETHYL ALCOHOL,PHOSPHINE,SULFUR

Stability Condition to Avoid:AVOID LIGHT

Hazardous Decomposition Products:HG

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL

,STATE AND FEDERAL REGULATIONS.

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