

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

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

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 Nu

m:213-516-8000

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

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

In

Product 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

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

Venti

lation: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  
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HCC:D1

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

Spec

Gravity: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  
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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  
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Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LO

## CAL, STATE AND FEDERAL REGULATIONS.

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