

SPECTRUM CHEMICAL MANUFACTURING CORP. -- MERCURY PERNITRATE -- 6810-00-241-1191  
===== Product Identification =====

Product ID:MERCURY PERNITRATE

MSDS Date:09/27/1989

FSC:6810

NIIN:00-241-1191

MSDS Number: BDMLX

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:213-516-800

0 OR 714-864-2310(VENDER

Emergency Phone Num:213-516-8000 OR 800-772-8786

Preparer's Name:CHARLES A.EISENHARD

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 ===

Ingred Name:MERCURIC NITRATE (SARA III)

CAS:10045-94-0

RTECS #:OW8225000

Fraction by Wt: >99.0%

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

==== Hazards Identification =====

LD50 LC50 Mixture:IPR-MUS LD50:8MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chr

onic:ACUTE AND CHRONIC:CAUSES SKIN

IRRITATION,NAUSEA,VOMITING,ABDOMINAL PAIN,BURNS,DEATH.

Explanation of Carcinogenicity:NO DATA PER MSDS

Effects of Overexposure:CAUSES SKIN

IRRITATION,NAUSEA,VOMITING,ABDOMINAL PAIN,BURNS,DEATH,LIVER AND KIDNEY INJURY.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

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

First Aid:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. SKIN:WASH WITH SOAP & WAT

ER. EYES:FLUSH WITH WATER 15 MIN. KEEP WARM AND QUIET!

ING: GET MEDICAL ATTENTION IMMEDIATELY.

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

Extinguishing Media:USE ANY SUITABLE MEDIA FOR SURROUNDING FIRES

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY TOXIC AND AN OXIDIZING

REAGENT.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP AND/OR VACUUM AND RECOVER FOR PROPER DISPOSAL.

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

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

Other Precautions:AVOID SKIN AND EYES CONTACT; DO NOT BREATH DUST/MIST.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR DUST/MIST.

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

Supplemental Safety and Health

DO NOT EAT,DRINK AND SMOKE IN WORK AREA.

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

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HCC:D2

Spec Gravity:4.39

Solubility in Water:SOLUBLE

Appearance and Odor:NITRIC ACID ODOR;WHITE OR SLIGHTLY YELLOW CRYSTALS

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

Stability Indicator/Materials to Avoid:YES

ACETYLENE, ETHANOL, PHOSPHINE,HYPOPHOSPHORIC ACID,AROMATICS.

Stability Condition to Avoid:NA\*2CO\*3, UNSATUATES.

Hazardous Decomposition Products:OXIDES OF NITROGEN OR MERCURY VAPORS.

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

Waste

Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH  
LOCAL,STATE & FEDERAL REGULATIONS.

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