

ARSENIC IN HNO*3 1000 UG/ML, I33012

MSDS Number

BNLWR

National Stock Number

6810-00N027416

Product Name

ARSENIC IN HNO*3 1000 UG/ML, I33012

Manufacturer

PLASMA CHEM ASSOCIATES INC

Product Identification

Product ID: ARSENIC IN HNO*3 1000 UG/ML, I33012

MSDS Date: 07/01/1991

FSC: 6810

NIIN: 00N027416

MSDS Number: BNLWR

Responsible Party

PLASMA-CHEM ASSOCIATES INC

5142 W HURLEY POND ROAD

FARMINGDALE, NJ 07727

US

Emergency Phone: 908-919-0509

Info Phone: 908-919-0509

Cage: 0L438

Contractor

PLASMA-CHEM ASSOCIATES INC

FARMINGDALE, NJ 07727

US

908-919-0509

Cage: 0L438

Ingredients

NITRIC ACID

CAS: 7697-37-2

RTECS: QU5775000

Fraction By Weight: 2%

OSHA PEL2 PPM; 4 PPM STEL

ACGIH TLV: 2 PPM; 4 PPM STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 98%

ARSENIC

CAS: 7440-38-2

RTECS: CG0525000

Fraction By Weight: 0.1-1%

OSHA PEL0.5 MG/M3 (AS)

ACGIH TLV: 0.01,A1 MG/M3; 9394

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:NONE LISTED BY MANUFACTURER.

Explanation of Carcinogenicity:ARSENIC: GROUP 1 (IARC), GROUP 1 (NTP),
OSHA REGULATED.

Effects of Overexposure:BURNS, COUGHING, IRRITATION, NAUSEA, VOMITING,
LABORED BREATHING.

Medical Cond Aggravated by Exposure:NONE

First Aid

First Aid:EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: FLUSH
WITH WATER FOR 15 MINUTES. WASH CONTAMINATED CLOTHING BEFORE REUSE.
INHAL: REMOVE TO FRESH AIR. INGEST: DO NOT INDUCE VOMITING. GIVE
COPIOUS AMOUNTS OF WATER OR MILK.

Fire Fighting

Extinguishing Media:WATER.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:TAKE UP WITH INERT, ABSORBENT MATERIAL.
CONTAINERIZE FOR DISPOSAL. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A CORROSION FREE AREA. KEEP
CONTAINER SEALED.

Other Precautions:NONE

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST RECOMMENDED.

Protective Gloves:NEOPRENE GLOVES RECOMMENDED.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:LAB COAT OR APRON.

Work Hygienic Practices:USUAL.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1

Evaporation Rate & Reference:1 (WATER = 1)

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, COLORLESS, ODORLESS SOLUTION.

Stability

Stability Indicator/Materials to Avoid: YES

STRONG BASES OR STRONG REDUCING AGENTS.

Stability Condition to Avoid: EXCESSIVE HEAT OR COLD.

Hazardous Decomposition Products: NO*X, AS.

Disposal

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

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