

IRON IN HNO*3 1000 UG/ML, I26012

MSDS Number

BMVCG

National Stock Number

6810-00N027442

Product Name

IRON IN HNO*3 1000 UG/ML, I26012

Manufacturer

PLASMA CHEM ASSOCIATES INC

Product Identification

Product ID:IRON IN HNO*3 1000 UG/ML, I26012

MSDS Date:07/01/1991

FSC:6810

NIIN:00N027442

MSDS Number: BMVCG

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

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 98%

IRON (POWDER)

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight: 0.1-1%

OSHA PEL10 MG/M3

ACGIH TLV: 5 MG/M3 AS FE

NITRIC ACID

CAS: 7697-37-2

RTECS: QU5775000

Fraction By Weight: 2%

OSHA PEL2 PPM;4 STEL

ACGIH TLV: 2 PPM;4 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE/CHRONIC:NOT APPLICABLE.

Explanation of Carcinogenicity:NOT RELEVANT.

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 AND 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.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:CHEM WRKRS GOG & FULL LGTH FSHLD .

Other Protective Equipment:LAB COAT OR APRON. EMERGENCY EYE WASH AND DELUGE SHOWER .

Work Hygienic Practices:USUAL.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

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.

Disposal

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

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