

CHROMIUM IN HNO*3 1000 UG/ML, I24012

MSDS Number

BNLXJ

National Stock Number

6810-00N027430

Product Name

CHROMIUM IN HNO*3 1000 UG/ML, I24012

Manufacturer

PLASMA CHEM ASSOCIATES INC

Product Identification

Product ID:CHROMIUM IN HNO*3 1000 UG/ML, I24012

MSDS Date:07/01/1991

FSC:6810

NIIN:00N027430

MSDS Number: BNLXJ

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 (SARA III)

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

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 98%

OSHA PELNOT APPLICABLE.

ACGIH TLV: NOT APPLICABLE.

DICHROMIC ACID, DIAMMONIUM SALT; (AMMONIUM DICHROMATE)

CAS: 7789-09-5

RTECS: HX7650000

Fraction By Weight: 0.1-1%

OSHA PEL0.1PPM CRO3;CEILING

ACGIH TLV: 0.05 MG/M3, CR

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

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

Explanation of Carcinogenicity:CHROMIUM AND CERTAIN CHROMIUM COMPOUNDS: GROUP 1 (IARC)

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

Medical Cond Aggravated by Exposure:NONE.

First Aid

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

Fire Fighting

Flash Point:NOT APPLICABLE.

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 W/INERT, ABSORBENT MATERIAL. CONTAINERIZE FOR DISPOSAL. FLUSH SPILL AREA W/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.

Eye Protection:CHEMICAL WORKERS GOGGLES .

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

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 (H*2O=1)
Evaporation Rate & Reference:1 (WATER=1)
Solubility in Water:SOLUBLE
Appearance and Odor:CLEAR, PALE-YELLOW TO ORANGE SOLUTION W/NO ODOR.

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 WASTE. DISPOSE IN ACCORDANCE W/ALL
FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

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