

NITROGEN

MSDS Number

BNBSL

National Stock Number

6505-01-013-0946

Product Name

NITROGEN

Manufacturer

MATHESON GAS PRODUCTS

Product Identification

Product ID:NITROGEN
MSDS Date:10/01/1985
FSC:6505
NIIN:01-013-0946
MSDS Number: BNBSL

Responsible Party

MATHESON GAS PRODUCTS
8800 UTICA AVE
CUCAMONGA , CA 91730-5104
US
Emergency Phone: 714-987-4611
Info Phone: 714-987-4611
Cage: 55549

Contractor

MATHESON GAS PRODUCTS
CUCAMONGA, CA 91730-5104
US
714-987-4611
Cage: 55549

Ingredients

NITROGEN
CAS: 7727-37-9
RTECS: QW9700000
ACGIH TLV: SIMPLE ASPHYXIAN

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: NITROGEN IS NONTOXIC BUT CAN
ACT AS A SIMPLE ASPHYXIAN BY DISPLACING AIR. SYMPTOMS OF ASPHYXIA
INCLUDE RAPID RESPIRATIONS, DIZZINESS AND FATIGUE. CHRONIC: NONE
KNOWN.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid: INHAL: MOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTF RESP, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE O*2. CALL PHYS. INGEST: CALL MD . EYES: IMMED FLUSH WITH POTABLE WATER FOR A MINIMUM OF 15 MIN, SEEK ASSISTANCE FROM MD . SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER. CALL MD .

Fire Fighting

Flash Point: NONFLAMMABLE
Extinguishing Media: EXTINGUISH SURROUNDING FIRE AND KEEP CYLINDERS COOL USING WATER SPRAY APPLIED FROM MAXIMUM POSSIBLE DISTANCE.
Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . NITROGEN IS NONFLAMM & AS SUCH DOES NOT CREATE FIRE HAZ.
Unusual Fire/Explosion Hazard: CYLINDERS THAT ARE EXPOSED TO FIRE MAY RUPTURE WITH VIOLENT FORCE.

Accidental Release

Spill Release Procedures: VENTILATE AREA. NITROGEN CAN ACT AS A SIMPLE ASPHYXIAN BY DISPLACING AIR. PERSONNEL ENTERING THE AREA SHOULD WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions: CYLINDERS SHOULD BE STORED AND USED IN DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF HEAT.
Other Precautions: SECURE CYLINDER TO PREVENT IT FROM FALLING OR BEING KNOCKED OVER. LEAK CHECK LINES AND EQUIPMENT. HAVE AN EMERGENCY PLAN COVERING STEPS TO BE TAKEN IN THE EVENT OF AN ACCIDENTAL RELEASE.

Exposure Controls

Respiratory Protection: RESPIRATORY EQUIPMENT IS NOT NEEDED UNLESS GAS DISPLACES THE AIR AND CAUSES A DEFICIENCY OF O*2 & THE POSSIBILITY OF ASPHYXIATION.
Ventilation: NONE SPECIFIED BY MANUFACTURER.
Protective Gloves: IMPERVIOUS GLOVES .
Eye Protection: CHEMICAL WORKERS GOGGLES .
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
VAP DENS: 0.967@1ATM, 25C. SOL IN H*2O: 14.85 CM3/KG @ 1ATM, 25C.

Chemical Properties

Boiling Pt: B.P. Text: -320F, -196C
Vapor Density: SUPP DATA
Solubility in Water: SUPP DATA
Appearance and Odor: COLORLESS, ODORLESS, NONTOXIC, NONFLAMMABLE GAS.

Stability

Stability Indicator/Materials to Avoid: YES
NOT REACTIVE UNDER NORMAL CIRCUMSTANCES.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: NONE.

Disposal

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

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