

MATHESON GAS PRODUCTS -- NITROGEN -- 6505-01-013-0946

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Product Identification  
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Product ID:NITROGEN  
MSDS Date:10/01/1985  
FSC:6505  
NIIN:01-013-0946  
MSDS Number: BNBSL  
=== Responsible Party ===  
Company Name:MATHESON GAS PRODUCTS  
Address:8800 UTICA AVE  
City:CUCAMONGA  
State:CA  
ZIP:91730-5104  
Country:US  
Info Phone Num:714-987-4611  
Emergency Phone Num:714-987-4611  
CAGE:55549  
=== Contractor Identification ===  
Company Name:MATHESON GAS PRODUCTS  
Address:8800 UTICA AVE  
Box:City:CUCAMONGA  
State:CA  
ZIP:91730-5104  
Country:US  
Phone:714-987-4611  
CAGE:55549

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Composition/Information on Ingredients  
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Ingred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
ACGIH TLV:SIMPLE ASPHYXIAN

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carc

inogenicity: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 Measures =====

First Aid:INHA

L: 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 Measures =====

Flash Point:NONFLAMMABLE

Extinguishing Media:EXTINGUISH SURROUNDING FIRE AND KEEP CYLINDERS COOL USING WATER SP

RAY 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 Measures =====

Spill Release Procedures:VENTILATE AREA. NITROGEN CAN ACT AS A SIMPLE ASPHYXIAN BY DISPLACING AIR. PERSONNEL ENTERING THE AREA S HOULD

WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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 A

N ACCIDENTAL  
RELEASE.

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

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.

Sup

plemental Safety and Health

VAP DENS: 0.967@1ATM, 25C. SOL IN H\*2O: 14.85 CM3/KG @ 1ATM, 25C.

===== Physical/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 and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NOT REACTIVE UNDER NORMAL CIRCUMSTANCES.

Stability Condition to Av

oid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE.

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

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

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