

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

===== Product Identification =====

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

===== Composition/Information on Ingredients =====

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

===== Hazards Identification =====

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 WAT ER 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 .

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information

to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.