

NITROUS OXIDE

MSDS Number

BBPLX

National Stock Number

6830-00F004090

Product Name

NITROUS OXIDE

Manufacturer

MATHESON GAS PRODUCTS TWINSBURG OH

Product Identification

Product ID:NITROUS OXIDE

MSDS Date:01/01/1987

FSC:6830

NIIN:00F004090

MSDS Number: BBPLX

Responsible Party

MATHESON GAS PRODUCTS/TWINSBURG, OH

Emergency Phone: (216) 425-4406

Cage: MATHE

Contractor

MATHESON GAS PRODUCTS

85

SECAUCUS, NJ 07096

US

201-867-4100

Cage: MATHE

Ingredients

NITROUS OXIDE

CAS: 10024-97-2

RTECS: QX1350000

Fraction By Weight: 100%

ACGIH TLV: 50 PPM; 9192

Hazards

Effects of Overexposure:SYMPTOMS OF ASPHYXIA INCLUDE RAPID RESPIRATIONS, DIZZINESS AND FATIGUE.

First Aid

First Aid:INHALATION: MOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL PHYSICIAN. CONTACT: TREAT FOR FROSTBITE.

Fire Fighting

Flash Point:NONFLAMMABLE

Fire Fighting Procedures:KEEP CYLINDERS COOL USE A WATER SPRAY AT A SAFE DISTANCE.

Unusual Fire/Explosion Hazard:NITROUS OXIDE IS AN OXIDIZER WHICH CAN CAUSE OR INTENSIFY FIRES.

Accidental Release

Spill Release Procedures: VENTILATE THE AREA. PERSONNEL ENTERING THE AREA SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Handling

Handling and Storage Precautions: CYLINDER SHOULD BE STORED AND USED IN DRY, WELL VENTILATED AREAS AWAY FROM SOURCES OF HEAT.

Exposure Controls

Respiratory Protection: POSITIVE PRESS. SCBA IF NITROUS OXIDE IN THE AIR_

Protective Gloves: RECOMMENDED

Eye Protection: SAFETY GLASSES

Supplemental Safety and Health

MSDS DATE: OCT 1985. MOLECULAR WEIGHT: 44.013

Chemical Properties

Boiling Pt: B.P. Text: -127.4F

Vapor Pres: 745

Vapor Density: 1.53

Solubility in Water: APPRECIABLE

Appearance and Odor: COLOR/NONFLAMMABLE/NONTOXIC W/SWEET TASTE/ODOR.

Percent Volatiles by Volume: 8.7

Stability

Stability Indicator/Materials to Avoid: YES

ORGANIC MATERIALS/OTHER READILY COMBUSTIBLE MATERIALS.

Hazardous Decomposition Products: OXIDES OF NITROGEN

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