

## **55549 10024972**

### **MSDS Number**

BBCMw

### **National Stock Number**

6830-00D000343

### **Product Name**

55549 10024972

### **Manufacturer**

MATHESON GAS PRODUCTS

### **Product Identification**

Product ID:55549 10024972

MSDS Date:01/01/1985

FSC:6830

NIIN:00D000343

MSDS Number: BCMw

### **Responsible Party**

MATHESON GAS PRODUCTS

1920 WEST J ST

LA PORTE , TX 77571

US

Cage: 23972

### **Contractor**

MATHESON GAS PRODUCTS DIV OF WILL ROSS INC

908

LA PORTE, TX 77571

US

Cage: 23972

### **Ingredients**

NITROUS OXIDE

CAS: 10024-97-2

RTECS: QX1350000

Fraction By Weight: 99.9%

ACGIH TLV: 50 PPM; 9192

### **Hazards**

Effects of Overexposure:ASPHXIAN,AS LITTLE AS 30% N\*2O IN AIR WILL DILUTE O\*2 TO LESS THAN THAT NECESSARY TO SUPPORT LFE

### **First Aid**

First Aid:BREATHE FRESH AIR,GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. EYES:GET DR. FOR FROSTBITE BURN. SKIN:TREAT FROSTBITE BURN. SOAK IN LUKEWARM WATER.

### **Accidental Release**

Spill Release Procedures:VENTILATE AREA. REMOVE CYLINDER OUTDOORS,WEARING BREATHING APPARATUS FOR GROSS LEAKS;LET CYLINDER DISCHARGE AT MODERATE RATE TO SAFE AREA;CLOSED VALVE. TAG & RETURN TO SUPPLIER.

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## Handling

Handling and Storage Precautions: DO NOT STRIKE CYLINDERS; KEEP VENTILATED; PROTECT FROM HEAT; USE VALVE PROTECTION CAP UNTIL CYLINDER IS SECURED.

Other Precautions: IT IS STABLE & COMPARATIVELY UNREACTIVE AT ORDINARY TEMP., TO OZONE, HYDROGEN, THE HALOGENS, & THE ALKALI METALS. AT ELEVATED TEMPS. N<sub>2</sub>O DECOMPOSES INTO N<sub>2</sub> & O<sub>2</sub>, >104°F SUPPORT COMB.

## Exposure Controls

Ventilation: LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves: RUBBER

Eye Protection: SAFETY GOGGLES

Supplemental Safety and Health

OTHER PRECAUTIONS (CONTD): USTION & OXIDIZERS CERTAIN ORGANIC COMPOUNDS, ALKALIC METALS, ETC.

## Chemical Properties

HCC: G3

Boiling Pt: B.P. Text: -129.1°F

Vapor Pres: 745

Spec Gravity: 1.530

Solubility in Water: 1.3 VOL/VOL

Appearance and Odor: COLORLESS, SLIGHTLY SWEETISH TASTE AND ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

Conditions to Avoid Polymerization: STORE AT TEMP. NOT EXCEEDING 125°F.

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