

## **AMMONIA CYLINDER FOR DUPLIPRINTER**

### **MSDS Number**

BNBSM

### **National Stock Number**

3610-01-016-5260

### **Product Name**

AMMONIA CYLINDER FOR DUPLIPRINTER

### **Manufacturer**

3M GENERAL OFFICES(3M ENGINEERING SYSTEMS)

### **Product Identification**

Product ID:AMMONIA CYLINDER FOR DUPLIPRINTER

MSDS Date:07/21/1988

FSC:3610

NIIN:01-016-5260

MSDS Number: BNBSM

### **Responsible Party**

3M GENERAL OFFICES(3M ENGINEERING SYSTEMS)

3 M CENTER

ST. PAUL , MN 55144-1000

US

Emergency Phone: 612-733-1110

Info Phone: 612-733-1110

Cage: 1BY21

### **Contractor**

MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS

SAINT PAUL, MN 55144-1000

US

612-737-4114

Cage: 1BY21

### **Ingredients**

AMMONIA (SARA III)

CAS: 7664-41-7

RTECS: BO0875000

Fraction By Weight: 0.0-100%

OSHA PEL50 PPM

ACGIH TLV: 25 PPM/35 STEL; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

### **Hazards**

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:LIQUID IS CORROSIVE. VAPOR CAUSES SEVERE EYE IRRITATION. MAY CAUSE EYE TISSUE DAMAGE AND BLINDNESS. LIQUID AND VAPOR CAN CAUSE SKIN IRRITATION AND BURNS. MAY BE

ABSORBED THROUGH THE SKIN IN HARMFUL AMOUNTS. VAPOR CAUSE SEVERE RESPIRATORY SYSTEM IRRITATION. INGESTION MAY CAUSE NERVOUS SYSTEM EFFECTS.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:SEVERE EYE IRRITATION, TISSUE DAMAGE, BLINDNESS, SKIN IRRITATION, BURNS, SEVERE RESPIRATORY SYSTEM IRRITATION, RESPIRATORY TRACT INFLAMMATION, FLUID ACCUMULATION IN THE LUNGS, SHORTNESS OF BREATH, COUGH, NERVOUS SYSTEM EFFECTS.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYE: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. CONTACT PHYSICIAN. SKIN: FLUSH AFFECTED AREA WITH PLENTY OF WATER FOR 10 MINUTES. CONTACT PHYSICIAN. INHALATION: MOVE TO FRESH AIR. CONTACT PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. DRINK TWO GLASSES OF MILK OR WATER & OBTAIN MEDICAL ASSISTANCE AT ONCE.

## Fire Fighting

Flash Point:NONFLAMMABLE

Lower Limits:16%

Upper Limits:25%

Extinguishing Media:WATER

Fire Fighting Procedures:STOP FLOW. DO NOT EXTINGUISH UNLESS NECESSARY TO STOP FLOW. KEEP CONTAINERS COOL WITH WATER. EVACUATE DOWNWIND.

Unusual Fire/Explosion Hazard:OIL & OTHER COMBUSTIBLES INCREASE FIRE HAZARD. DOES NOT IGNITE READILY. VAPOR ARE TOXIC, WEAR SCBA.

## Accidental Release

Spill Release Procedures:IMMERSE LEAKING CYLINDERS IN A CONTAINER OF WATER UNTIL LEAKING STOPS.

Neutralizing Agent:SODIUM BISULFATE

## Handling

Handling and Storage Precautions:PROTECT VALVE & CYLINDER FROM DAMAGE.

Other Precautions:DO NOT GET IN EYES OR ON SKIN. DO NOT BREATHE VAPOR.

## Exposure Controls

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:USE ONLY WITH ADEQUATE VENTILATION.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:EMERGENCY SHOWER AND EYEWASH STATION.

Work Hygienic Practices:OBSERVE GOOD WORK HYGIENIC PRACTICES.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

HCC:G3

Boiling Pt:B.P. Text:-28.2F,-33C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pressure:70F114PSIG

Vapor Density:0.6

Specific Gravity:0.68

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:WHITE CLOUD IN MOIST AIR, IRRITATING ODOR

Percent Volatiles by Volume:100 %

## Stability

Stability Indicator/Materials to Avoid:YES

AVOID STRONG ACIDS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:ABOVE 840F HYDROGEN GAS FORMS

## Disposal

Waste Disposal Methods:DISCHARGE NEUTRAL SOLUTION INTO WASTE WATER TREATMENT SYSTEM IAW STATE & LOCAL REGULATIONS. HANDLE EMPTY CYLINDERS AS DIRECTED BY OUR LOCAL 3M DEALER.

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