

C. J. ORGEL PRINTING COMPANY -- AMMONIA(ANHYDROUS) -- 6830-00-292-0135

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

Product ID:AMMONIA(ANHYDROUS)

MSDS Date:01/01/1985

FSC:6830

NIIN:00-292-0135

Kit Part:Y

MSDS Number: BDVNV

==== Responsible Party ===

Company Name:C. J. ORGEL PRINTING COMPANY

Address:1 EXECUTIVE DR

City:FORT LEE

State:NJ

ZIP:07024

Country:US

CAGE:LO207

==== Contractor Identification ===

Company

Name:C. J. ORGEL PRINTING COMPANY

Address:1 EXECUTIVE DR

Box:City:FORT LEE

State:NJ

ZIP:07024

Country:US

CAGE:LO207

Company Name:OHMEDA DIV OF THE BOC GROUP INC

Address:1 EXECUTIVE DR

Box:City:FORT LEE

State:NJ

ZIP:07024

Country:US

CAGE:82292

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

Ingred Name:AMMONIA (SARA III)

CAS:7664-41-7

RTECS #:BO0875000

Fraction by Wt: 100%.

OSHA PEL:50 PPM

ACGIH TLV:25 PPM/35 STEL; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

Effects of Overexposure:IRRITATES AIRWAY,EYES,& SKIN;EFFECTS VARY FROM MILD IRRITATION TO SEVERE TISSUE DESTRUCTION

===== First Aid Measures =====

First Aid:INHAL:REMOVE TO UNCONTAMINATED ATMOSPHERE. IF MINOR EXPOSURE,USUALLY NO TREATMENT REQUIRED; IF BREATHING STOPPED, GIVE ASSISTED RESPIRATION(EG. MOUTH-TO-MOUTH & SUPPLEMENTAL OXYGEN). KEEP VICTIM WARM & QUIET;EYE/SKIN :FLUSH WITH COPIOUS AMTS. WATER

===== Fire Fighting Measures =====

Lower Limits:15%

Upper Limits:25%

Extinguishing Media:WATER

Fire Fighting Procedures:STOP GAS FLOW; USE WATER;WATER SPRAY OR FOG EFFECTIVE

Unusual Fire/Explosion Hazard:AMMONIA VAPOR IN CERTAIN PERCENTAGE IS FLAMM. IN AIR; EXPERIENCE SHOWS NH₃ DIFFICULT TO IGNITE

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA IMMEDIATELY. SLOWLY DISCHARGE

THE GAS INTO SUFFICIENT WATER TO ABSORB THE AMMONIA. DO NOT USE ACID TO NEUTRALIZATION PROMOTES THE EVOLUTION OF AMMONIA FUMES. DO NOT DISPOSE IN A SEWER SYSTEM.

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

Handling and Storage Precautions:USE ONLY IN A WELL-VENTILATED AREA.; USE HAND-TRUCK TO TRANSPORT; PROTECT AGAINST PHYSICAL DAMAGE,& EXCESSIVE TEMPERATURE VARIATIONS. GROUND LINES.

Other Precautions:GROUND & BOND ALL LINES & EQUIPMENT USED WITH AMMONIA.

DONOT USE AMMONIA AROUND SPARKING MOTORS OR OTHER NONEXPLOSIVE-PROOF EQUIPMENT; AVOID MERCURY CONTAINING EQUIPMENT: EXPLOSIVE FULMINATING

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

Respiratory Protection:POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL TO MAINTAIN AIR QUALITY (NOTE TLV AT 25 PPM)

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES /GLASSES

Other Protective Equipment:SAFETY SHOES & SHOWER, EYEBATH,

RUBBER APRON

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:G2

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

Spec Gravity:0.68

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS GAS WITH A PUNGENT ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

COPPER & ALLOYS,HALOGENS,ZINC,MERCURY,CADMIUM,& SILVER OXIDE

Stability Condition to Avoid:SITUATIONS WHERE EXPOSURE MAY OCCUR

Hazardo

us Decomposition Products:ABOVE 1544F, NITROGEN & HYDROGEN

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OR SURPLUS AMMONIA. RETURN ALL UNUSED QUANTITIES TO MANUFACTURER

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