

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

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Product Identification  
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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 ===

Compan

y 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

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

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First Aid Measures  
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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

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Fire Fighting Measures  
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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 NH\*3 DIFFICULT TO IGNITE

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Accidental Release Measures  
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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.

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Handling and Storage  
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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

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Exposure Controls/Personal Protection  
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Respiratory Protection:POSTIVE 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  
Hazard  
ous 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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