



### III. PHYSICAL DATA

<b>SPECIFIC GRAVITY</b>	1.25	<b>% VOLATILE BY VOL</b>	45%
<b>BOILING POINT</b>	212F	<b>EVAPORATION RATE</b>	N/A
<b>pH</b>	7-8	<b>VAPOR PRESSURE</b>	N/A
<b>PHYSICAL STATS</b>	LIQUID	<b>VAPOR DENSITY</b>	N/A
<b>FREEZING POINT</b>	32F	<b>ODOUR THRESHOLD</b>	N/A
<b>COEF. OF WATER/OIL DISTR</b>	N/A		

**APPEARANCE** OPAQUE, SLIGHT FREE-FLOWING LIQUID

### IV. FIRE AND EXPLOSION INFORMATION

**FLASH POINT** N/Av **AUTOIGN TEMP** N/Ap **LEL/UEL (%)** N/Ap

**EXTINGUISHING MEDIA** Carbon Dioxide, Dry Chemical, Alcohol Foam  
**CONDITIONS OF FLAMMABILITY** Dried solid residue is slightly combustible

**HAZARDOUS COMBUSTION PRODUCTS** Carbon Dioxide, Carbon Monoxide, Ammonia, Nitrous Oxide

**SENSITIVITY TO MECHANICAL IMPACT** N/Ap  
**SENSITIVITY TO STATIC DISCHARGE** N/Ap

**SPECIAL FIRE FIGHTING HAZARDS** Wear positive-pressure SCBA

### V. REACTIVITY

**INSTABILITY** STABLE UNDER NORMAL CONDITIONS

**CONDITIONS OF REACTIVITY** NO SPECIAL REACTIVITY

**INCOMPATIBILITY** STRONG OXIDIZERS

**DECOMPOSITION** CARBON DIOXIDE, CARBON MONOXIDE, AMMONIA

## VI. HEALTH HAZARD INFORMATION

**EYES/SKIN** Causes irritation. Repeated exposure may cause allergic dermatitis.

**INHALATION** Short-term exposure may cause irritation of nose, throat and lungs.

**INGESTION** Possible stomach irritation and nausea. No other harmful effects anticipated.

### EXPOSURE LIMITS

	8 Hr O.E.L. (ppm)(mg/m <sup>3</sup> )		15 MIN O.E.L. (ppm)(mg/m <sup>3</sup> )		Ceiling O.E.L. (ppm)(mg/m <sup>3</sup> )	
AMMONIA	25	N/Av	35	N/Av	N/Av	N/Av

### FIRST AID

- **INHALATION:** Remove person to fresh air. If necessary, give artificial respiration or CPR. GET IMMEDIATE MEDICAL ATTENTION
- **SKIN CONTACT:** Wash skin with soap and water. Launder clothing before reuse. GET IMMEDIATE MEDICAL ATTENTION
- **EYE CONTACT:** Immediately flush with gentle stream of tepid water for 15 minutes. GET IMMEDIATE MEDICAL ATTENTION
- **INGESTION:** Do not induce vomiting. Keep warm and at rest. Give 2-3 glasses of water or milk. GET IMMEDIATE MEDICAL ATTENTION

## VII. SPECIAL PROTECTION INFORMATION

**EYE/FACE PROTECTION:** Wear neoprene gloves and overalls.

**RESPIRATORY PROTECTION:** If sprayed, wear a mask approved by NIOSH/MSH for organic vapors with dust/mist pre-filter. If used in a confined area, a full-face, positive-pressure airline respirator is recommended.

## VIII. DISPOSAL/PREVENTATIVE INFORMATION

### **PRECAUTIONS TO BE TAKEN DURING HANDLING AND STORAGE**

Avoid breathing vapors, avoid prolonged skin contact  
Store in cool, dry location away from light and strong frost  
Storage Temperature Maximum: 80°F Minimum: 40°F

**ENGINEERING CONTROLS** Use local exhaust ventilation if sprayed inside. Otherwise, general ventilation is adequate.

**SPILL, LEAK OR RELEASE** Recover spilled material for recycle, reuse or for disposal in secure landfill.

**WASTE DISPOSAL** Material may need to be placed in a container prior to disposal. Contact local authorities for further information.

## IX. DOCUMENT INFORMATION

**PREPARED BY** Keith Kastendieck, Safety Compliance Director

**REVISION DATE** 11/22/05