

**MATERIAL SAFETY DATA SHEET**

CYRGUS COMPANY, INC.  
3823 LEAVENWORTH STREET  
OMAHA, NE 68105-1182

Preparer: REM & THP  
Preparation date: 7/5/94  
Replaces date: 3/26/93

Information Telephone Number:  
800-228-7117

*Section I - Product Identification*

**NEBANOL SOLUTION**

**LC997**

*Section II - Hazardous Ingredients*

This material is not considered hazardous under the OSHA Hazard Communication Standard CFR Title 29 1910.1200.

*Section III - Physical Data*

Boiling Range:	212-359° F	Vapor Density:	Is heavier than air
Odor:	slight ether	Evaporation Rate:	Is slower than ether
Appearance:	clear, colorless	Solubility:	Complete
Volatile by weight:	90.5%	Product Density:	8.4 lbs/gal. (US)
Volatile by volume:	90.8%		

*Section IV - Fire & Explosion Hazard Data*

Flammability Classification: ASTM D 93 (Flash Point by Pensky-Martens Closed Tester)

Flash Point 210° F

(continued on next page)

**Section IV - Fire & Explosion Hazard Data (continued)**

OSHA	Combustible liquid - class IIIA	LEL	1.3%
DOT	Combustible liquid	UEL	15.8%

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water, Fog.

Unusual fire and explosion hazards: Vapors may travel a considerable distance to a source of ignition where they may ignite flashback or explode. Vapors are heavier than air and may accumulate in low areas.

Special firefighting procedures: Water may be used to cool closed container to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**Section V - Health Hazard Data**

Effects of over exposure - Eyes irritation and tearing

Skin: None recognized. Chronic health effects are possible from long term exposure to this material, including drying, cracking and irritation of the skin. Pre-existing sensitivity to solvents can cause a heightened reaction to exposure to this product.

Inhalation: Breathing high concentration may cause irritation or nervous system depression (headache, drowsiness, dizziness). Pre-existing lung disorder symptoms (asthma-like) may be aggravated.

Ingestion: Aspiration hazard. Can enter lungs during swallowing or vomiting and cause lung inflammation and damages. Ingestion may cause irritation or nervous system depression.

Medical condition prone to aggravation by exposure: Respiratory sensitivity. Dermatitis, allergic responses.

Primary route(s) of entry: Dermal, inhalation, ingestion.

**Emergency and first aid procedures**

**Eyes:** Flush with water 15 minutes, lifting eyelids.

**Skin:** Flush with water.

**Inhalation:** Remove to fresh air. If breathing has stopped, give artificial respiration, get medical attention.

**Ingestion:** Do not induce vomiting. If victim is drowsy, place on left side with head down. Get medical attention.



**Section IV - Fire & Explosion Hazard Data (continued)**

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### *Section VI - Reactivity Data*

**Stability:** This product is stable under normal storage condition.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Hazardous Decomposition Products:** None known. Normal decomposition to carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO). CO may be hazardous in enclosed high concentrations.

**Conditions to avoid:** Sources of ignition, extreme heat, acids, Sources of ignition. Strong oxidizing agents.

**Incompatibility:** None known. Caustic material (EG line, soda ash, caustic soda). Strong acids may produce violent reaction.

### *Section VII - Spill or Leak Procedures*

**Steps to be taken in case material is released or spilled:** Avoid breathing solvent vapor. Ensure adequate ventilation. Avoid sparks, flames and anything which could cause fire. Wear appropriate protective and respiratory equipment. Prevent spills from entering sewers, or any unauthorized water systems. Dike for recovery or disposal. Spill may be absorbed onto appropriate absorbent material.

**Waste disposal method:** Soak liquids with sawdust or rags and remove. Flush with water if possible. Avoid skin contact. Disposal should be in accordance with local state and federal regulations. Dispose in accordance with appropriate federal, state and local regulations.

### *Section VIII - Safe Handling and Use Information*

**Respiratory protection:** NIOSH/OSHA approved respirator type suitable for materials in section II recommended. Approved chemical/mechanical filter recommended when ventilation is restricted. Approved airline type respirators or hoods recommended in confined area.

**Ventilation:** Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

**Protective glove:** Recommended for prolong or repeated contact.

**Eye Protection:** Chemical goggles with side shields or face shield recommended.

**Other protective equipment.** Wash hands before eating or smoking. Smoke in designated areas only.

*Section IX - Special Precautions*

Precautions to be taken in handling and storage: Store in cool dry area with ventilation suitable for storing materials shown in Section II. Keep away from sparks and open flames.

Other Precautions: Obey all hazard warnings when containers are emptied.

*Section X - HMIS Rating*

Health: 2    Flammability: 2    Reactivity: 0    Personal Protection: H

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.