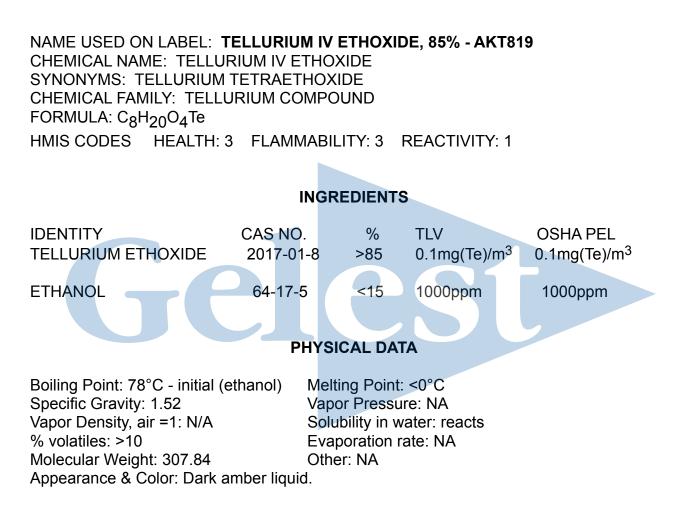
# GELEST, INC.

11 East Steel Rd. Morrisville, PA 19067 Phone: (215) 547-1015

MATERIAL SAFETY DATA SHEET EMERGENCY TELEPHONE CHEMTREC: 1-800-424-9300



# FIRE & EXPLOSION DATA

Flash Point, COC: 27°C (82°F) Autoignition Temp.: not determined Flammability Limits- LEL: NA UEL: NA

Extinguishing Media: Water spray or fog, alcohol resistant foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.

Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame. -1-(AKT819)

Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose, LC: Lethal Concentration; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; HMIS: Hazardous Material information System; CAS No.: Chemcial Abstract Service Registration Number Gelest, Inc. © 2008

#### ENVIRONMENTAL INFORMATION

Spill response: Sweep material and transfer to a suitable container for disposal.

Recommended disposal: Incinerate. Follow all chemical pollution control regulations.

### HEALTH HAZARD DATA

Eye Contact: May cause immediate or delayed severe eye irritation and may cause corneal ulceration.

Skin contact: May produce irritation or contact dermatitis. *Absorbtion through the skin imparts a garlic-like odor to the breath which can take weeks to subside.* Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Inhalation may irritate the respiratory tract, cause headache or nausea. *Inhalation even at less than 0.1mg Te/m*<sup>3</sup> can impart a garlic-like odor to the breath which can take weeks to subside.

Oral Toxicity: not determined Inhalation Toxicity: not determined Eye Irritation: not determined

### SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Administer oxygen if needed. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. To conscious individual give two full cups of water to dilute ingested material. Get medical attention.

### **REACTIVITY DATA**

Stability: Stable

Conditions to avoid: Material decomposes slowly in contact with moist air and rapidly in contact with water liberating ethanol and tellurium dioxide. Avoid contact with oxidizing agents.

Hazardous decomposition products: Ethanol, organic acid vapors and tellurium dioxide and tellurium metal.

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### SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is requitred. Mechanical is recommended. Respiratory Protection: If exposure exceeds TLV, NIOSH approved organic vapor respirator.

Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses. Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

### **OTHER PRECAUTIONS**

For research use only.

Storage and Handling: Store in sealed containers.

### TRANSPORTATION

DOT SHIPPING NAME: FLAMMABLE LIQUID N.O.S. (TELLURIUM ETHOXIDE) DOT HAZARD CLASS: 3 DOT LABEL: UN 1993 DOT ID No: FLAMMABLE LIQUID PG: II

Prepared by safety and environmental affairs

ISSUE DATE AKT819: 3/3/03 SUPERSEDES: 10/18/95

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