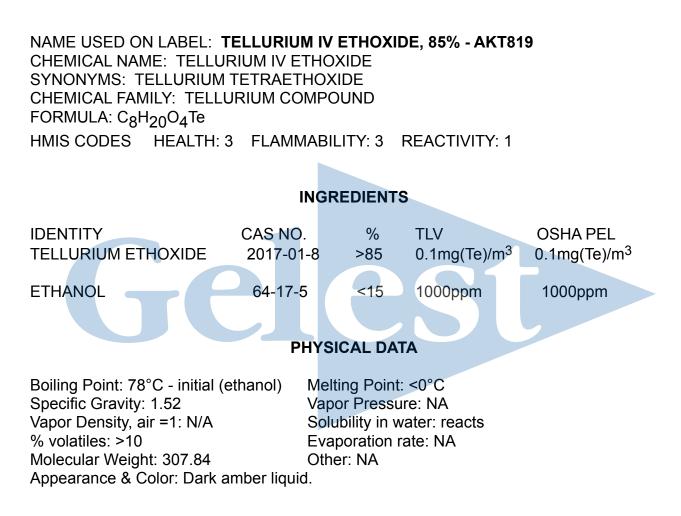
GELEST, INC.

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*³ 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.

-2-(AKT819)

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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

The information contained in this document has been gathered from reference materials and/or Gelest, Inc. test data and is to the best knowledge and belief of Gelest, Inc. accurate and reliable. Such information is offered solely for your consideration, investigation and verification. It is not suggested or guaranteed that the hazard precautions or procedures described are the only ones which exist. Gelest, Inc. makes no warranties, express or implied, with respect to the use of such information and assumes no responsibility therefore.

-3-(AKT819)

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