

MATERIAL SAFETY DATA SHEET

(Effective Date: April 2003)

CERETEC®

1. PRODUCT IDENTIFICATION

Product Code: N.159B, N.159I, N.159Y, N.159Z

Chemical Formula: Exametazime: $C_{13}H_{28}N_4O_2$

Formula CAS No.: Not applicable for mixtures.

Molecular Weight: Not applicable for mixtures.

Hazardous Ingredients: CAS#7772-99-8 Stannous Chloride

2. PHYSICAL DATA

Appearance: Fine, white crystals in clear glass vials.

Radioactivity: Not applicable.

Concentration: No information found.

Specific Activity: Not applicable.

Odor: Odorless.

Solubility: Soluble in water.

Half-Life: Not applicable.

Boiling Point: 100 °C (Reconstituted)

Melting Point: 0 °C (Reconstituted)

Vapor Density (Air=1): No information found.

Evaporation Rate: No information found.

Vapor Pressure (mm Hg): No information found.

3. FIRE AND EXPLOSION HAZARD DATA

Fire: Substance is non-flammable.

Explosion: Not considered an explosion hazard.

Fire Extinguishing Media: Use water spray, dry chemical, CO_2 or foam as appropriate for the burning material.

Special Information: In the event of a fire, wear full protective clothing and a NIOSH approved self-contained breathing apparatus.

4. HEALTH HAZARD DATA

A. Effects of Overexposure

Inhalation: Not considered an inhalation hazard.

Eye Contact: Possible mechanical irritant.

Ingestion: Not considered an ingestion hazard.

Skin Contact: Potential for mild skin irritation.

Chronic Exposure: Not expected to be a chronic health hazard.

Aggravation of Pre-existing Conditions: No information found.

B. First Aid Procedures

Inhalation: First aid not required.

Ingestion: First aid not required.

Skin Exposure: Rinse thoroughly with soap and water.

Eye Exposure: Rinse eyes a minimum of 15 minutes.

C. Toxicity Data

Stannous Chloride; possible mutagen; LD₅₀ 700 mg/kg.

5. REACTIVITY DATA

Stability: Stable under normal conditions of use and storage.

Hazardous Decomposition Products: Thermal decomposition may produce CO₂, CO, NO₂ gases, and corrosive fumes.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers.

CERETEC®

6. SPILL OR LEAK PROCEDURES

If material is non-radioactive, collect and dispose as non-hazardous waste through an approved waste broker. If material is reconstituted, take appropriate precautions for radioactive material.

7. OCCUPATIONAL PROTECTION INFORMATION

Personal Respirators: (NIOSH Approved): Not required under normal conditions of use and storage.

Skin Protection: Disposable rubber, plastic or latex gloves; lab coat.

Airborne Exposure Limits: Not applicable with mixtures.

Ventilation System: Use local exhaust.

Eye Protection: Safety goggles or safety glasses.

8. SPECIAL PRECAUTIONS

Read package insert prior to use.

CALIFORNIA PROPOSITION 65 INFORMATION

The State of California requires that customers and employees are provided with warnings about reproductive and carcinogenic hazards associated with substances sold in California. Under Proposition 65, the following warning applies:

WARNING: This product contains a substance (Stannous Chloride) known to the State of California to cause reproductive toxicity.

MATERIAL SAFETY DATA SHEET STANDARD FORM DISCLAIMER

The above information is based upon data available to Amersham Health and is believed to be correct, but does not intend to be all inclusive and shall be used only as a guide. Since the information contained herein may be applied under conditions beyond the control of Amersham Health, no responsibility is assumed for the results of its use.