

MATERIAL SAFETY DATA SHEET

(Effective Date: April 2003)

DMSA KIDNEY REAGENT

1. PRODUCT IDENTIFICATION

Product Code: 4349

Chemical Formula: Not applicable to mixtures.

Formula CAS No.: Not applicable to mixtures.

Molecular Weight: Not applicable for mixtures.

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

2. PHYSICAL DATA

Appearance: Clear, colorless liquid in a glass vial.

Radioactivity: Not applicable.

Concentration: 1.2 mg of Succimer and 0.42 mg of Anhydrous Stannous Chloride in 2.2 mL.

Specific Activity: Not applicable.

Odor: Odorless.

Solubility: Not applicable.

Half-Life: Not applicable.

Boiling Point: No information found.

Melting Point: No information found.

Vapor Pressure (mm Hg): No information found.

Evaporation Rate: No information found.

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

3. FIRE AND EXPLOSION HAZARD DATA

Fire: Substance is non-flammable.

Explosion: Material is not an explosion hazard.

Fire Extinguishing Media: Use water spray, dry chemical, CO₂ 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.

DMSA KIDNEY REAGENT

4. HEALTH HAZARD DATA

A. Effects of Overexposure

Inhalation: Not considered an inhalation hazard.

Eye Contact: May cause mechanical irritation.

Ingestion: Not considered an acute health hazard.

Skin Contact: Not considered an acute health hazard.

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: Wash thoroughly with soap and water.

Eye Exposure: Rinse eyes a minimum of 15 minutes with water.

C. Toxicity Data

Stannous Chloride; possible mutagen; Oral Rat LD₅₀: 700 mg/kg.

5. REACTIVITY DATA

Stability: Material is stable.

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

Hazardous Polymerization: Will not occur.

Incompatibilities: Oxidizing agents.

DMSA KIDNEY REAGENT

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

Airborne Exposure Limits: Not established for mixtures.

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

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.