

## Material Safety Data Sheet

### Identification:

Catalogue No.: TR-400-AG

Product name: Amylo-Glo™ RTD™ Amyloid Plaque Stain Reagent with EtBr counter stain

Manufacture: biosensis Pty Ltd

Emergency telephone numbers: your local Poison Control Center; USA: 1800-222-1222; 0845 46 47 (UK); +61 13 11 26 Australia.

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS:

Ethidium bromide 0.001% in normal saline

CAS #: 1239-45-8

Synonym: Homidium bromide

Chemical Formula: C<sub>21</sub>H<sub>20</sub>BrN<sub>3</sub>

### SECTION 3: HAZARDS IDENTIFICATION:

Potential Acute Health Effects:

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects:

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available

### SECTION 4: FIRST-AID MEASURES:

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

**Skin Contact:** After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Not available.

**Ingestion:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.  
 Serious Ingestion: Not available

## **SECTION 5: FIRE FIGHTING MEASURES:**

**Flammability of the Product:** May be combustible at high temperature.

**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...), halogenated compounds.

### **Fire Hazards in Presence of Various Substances:**

Flammable in presence of open flames and sparks. Slightly flammable to flammable in presence of heat.

### **Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

### **Fire Fighting Media and Instructions:**

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available

## **SECTION 6: ACCIDENTAL RELEASE MEASURES:**

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## **SECTION 7: STORAGE AND HANDLING:**

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

**Storage:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**

### **Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended

exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants

below the exposure limit.

**Personal Protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Gloves.

### **Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid

inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.

**SPECIAL PRECAUTIONS:** Not for human or drug use. Not for household use.

## **SECTION 9: APPEARANCE and ODOR:**

Lightly colored red-orange liquid, no odor.

## **SECTION 10: STABILITY AND REACTIVITY:**

Stability: Stable under normal handling procedures.

## **SECTION 11: TOXICOLOGICAL INFORMATION:**

**Routes of Entry:** Ingestion.

**Toxicity to Animals:**

LD50: Not available. LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:**

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available

## **SECTION 12: ECOLOGICAL INFORMATION:**

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are more toxic.

**Special Remarks on the Products of Biodegradation:** Not available

## **SECTION 13: DISPOSAL CONSIDERATIONS:**

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

## **SECTION 14: TRANSPORT INFORMATION:**

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

## **SECTION 15: REGULATORY INFORMATION**

EUROPEAN INFORMATION: Caution: substance not yet fully tested.

## **SECTION 16: OTHER INFORMATION:**

The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide for experienced personnel. Biosensis shall not be held liable for any damage resulting from the handling or from contact with the above product.

This page is intentionally left blank