**1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER**

**Name On Label:** Glycolic acid

**Product Number:** A12511

**Suppliers:**
- Alfa Aesar/Avocado Organics - Material Safety Data Sheet A12511
- Johnson Matthey Catalog Company Inc.

**2. COMPOSITION AND INFORMATION ON COMPONENTS**

**Name:** Glycolic acid

**Molecular Formula:** C2H4O3

**CAS Number:** 79-14-1

**3. HAZARDS IDENTIFICATION**

**Designation:** Corrosive

**Hazard Indication:** Harmful ~ Corrosive

**RTECS Number:** MC5250000

**IATA Code/Class:** 8 /Packing Group II

**UN Number:** 1759

**IMDG Code/Class:** Maritime Transport

**EEC Number:** Not available

**4. FIRST-AID MEASURES**

**Disposal:**
Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

**Handling:**
Avoid inhalation of product. Do not breathe dust. Wearing self-contained breathing apparatus and protective clothing. Avoid skin contact. Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

**Respiratory:**
Wear self-contained breathing apparatus and protective clothing.

**Eye:**
Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

**Skin:**
Wear protective clothing, gloves, and eye/face protection. Take off immediately all contaminated clothing. Avoid eye contact. Avoid skin contact. Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

**Ingestion:**
Wear protective clothing, gloves and, for larger quantities, full arm and body protection. Wash hands thoroughly after handling.

**6. ACCIDENTAL RELEASE MEASURES**

**Extinguishing Medium:**
Use fire fighting measures which suit the surrounding environment and take into account other materials which may be involved. In general, water should not be used.

**Incompatible Products:**
Avoid contact with oxidizing agents and strong bases. Oxidising agents. Reducing agents.

**Inerting Agent:**
Use inerting measures to control the spread of fire contaminate the area until the fire is extinguished or safe to enter.

**7. HANDLING AND STORAGE**

**Handling:**
Avoid inhalation of product. Avoid skin contact. Avoid eye contact. Keep unprotected persons away.

**Storage:**
Store in tightly sealed containers in a cool place.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Respiratory:**
Wear self-contained breathing apparatus and protective clothing.

**Eye:**
Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

**Skin:**
Wear protective clothing, gloves, and eye protection. Keep unprotected persons away.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Moist white crystalline powder

**Odour:** Pungent

**Flash Point:** Not determined

**Stability:** Not determined

**10. STABILITY AND REACTIVITY**

**Stability:**
Avoid contact with oxidizing agents and strong bases. Oxidising agents. Reducing agents.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**
LD50: 1950 mg/kg

**12. ECOLOGICAL EFFECTS**

**13. DISPOSAL CONSIDERATIONS**

**14. TRANSPORT INFORMATION**

**15. REGULATORY INFORMATION**

**16. OTHER INFORMATION**

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**Date of Last Review:** 18th September 1998

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