MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Identifier: Blossom Blood

Manufacturer's Name: RAMBRIDGE WHOLESALE SUPPLY

Address: #8-8009 57 Street SE

Calgary, AB T2C 5K7

Emergency Phone No.: 1-800-265-4769

Product Use: pH stabilizer for hydroponic nutrient solutions

HAZARDOUS INGREDIENTS

Hazardous Ingredients: None

WHMIS Classification: Not Classified

PHYSICAL DATA

Physical State: solid Odor and Appearance: No odor, Red crystal powder

Odor Threshold: N/A Specific Gravity: ND

Vapor Pressure: N/A Vapor Density: N/A Evaporation Point: N/A Boiling Point: N/A

Freezing Point: N/A Density: 1.4 kg / dm3

pH: 4.2 - 4.7 (1% solution)

FIRE AND EXPLOSION HAZARD

Flammability: Non Flammable

Means of Extinction: N/A

Flashpoint: N/A UEL: N/A LEL: N/A

Auto-ignition Temperature: N/A TDG Flammability Class: N/A

Hazardous Combustion Products: N/A

REACTIVITY DATA

Chemical Stability: Stable under normal conditions of use. Avoid excessive heat

Incompatibility: Avoid contact with strong oxidizing agents and strong bases

Conditions of Reactivity: Contact with excessive heat, strong bases and oxidizing agents.

Hazardous Decomposition Products: Strong bases will cause a release of ammonia gas, oxidizing agents can cause decomposition to occur.

TOXICOLOGICAL PROPERTIES

Route of Entry:

Skin Contact: No

Skin Absorption: No.

Eye Contact: No

Inhalation: Yes – may cause nose and throat irritation when excessively inhaled

Ingestion: Yes – may cause diarrhea, nausea and vomiting with large amounts

Exposure Limits: N/A Synergistic Products: N/A

Sensitization / Irritancy: Eyes – may cause mild irritation

Skin – may be irritated from prolonged contact

Carcinogenicity / Teratogenicity / Mutagenicity / Reproductive Effects: N/A

PREVENTIVE MEASURES

Personal Protective Equipment: Rubber/plastic gloves, respirator with NIOSH/MSHA approved chemical cartridge filter, chemical goggles

Engineering Controls: General Mechanical ventilation

Leak or Spill Procedure: Sweep or vacuum avoiding dust generation

Disposal: May be deposited in a chemical dump

Handling Procedures and Equipment: Follow preventative measures

Storage Requirements: Store in cool, dry and well ventilated location

Shipping Information: TDG regulation – not regulated for transport in CANADA

FIRST AID MEASURES

Skin: Wash contacted area with soap and water

Eyes: Flush eyes thoroughly with flowing water for at least 15 minutes

Inhalation: Move to a ventilated area and administer oxygen

Ingestion: Give water or milk. DO NOT induce vomiting. Consult physician.

ADDITIONAL INFORMATION

Product of Canada

PREPARATION INFORMATION

Department: Phone No.: Date:

Technical 1-403-230-5717 November 21, 2002

n/a - Not Applicable

nd - Not Determined