

# MATERIAL SAFETY DATA SHEET

## **1. PRODUCT AND DOCUMENT IDENTIFICATION**

**Product Identity:** High Potency Vitamin C      **Product Code:** HPVC, 138-25

**Manufactured by:** Radix Laboratories, Inc.  
1334 International Drive  
Eau Claire, WI 54701

Emergency Telephone: (800) 424-9300

Information Telephone: (715) 833-0644

Date Prepared: Sept. 15, 2011

Contact: Radix Laboratories Inc.

Replaces issue of: N/A

Prepared By: Terry Krueger

## **2. IDENTIFICATION OF SIGNIFICANT CHEMICAL COMPONENTS:**

<b><u>Component</u></b>	<b><u>CAS NO.</u></b>	<b><u>OSHA PEL</u></b>	<b><u>ACGIH TLV</u></b>	<b><u>mg/mL</u></b>
Sodium Ascorbate	134-03-2	Not Listed	Not Listed	250.0

## **3. FIRE/EXPLOSION HAZARDS:**

**Flash Point (Method Used):** N/A (water based)

**Flammable Limits:** N/A

**Extinguishing Media:** Usual fire fighting equipment including self-contained breathing apparatus.

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

## **4. FIRST-AID MEASURES:**

**Signs and Symptoms of Exposure:** Irritating to skin, nasal and respiratory tracts, and eyes. Ingestion of large amounts may cause nausea/vomiting.

**Medical Conditions Generally Aggravated by Exposure:** N/A

**Emergency and First Aid Procedures:**

SKIN: Wash with soap and water, remove contaminated clothing.

EYES: Flush with cold water for 15 minutes.

INGESTION: Seek medical attention immediately.

## **5. PRECAUTIONS FOR SAFE HANDLING AND USE:**

**Clean up of Released/Spilled Material:** Ventilate area of spill, collect material for disposal.

Wear protective equipment during clean up. After clean up, flush area with water.

**Waste Disposal Method:** Dispose as non-hazardous waste at facility operating in compliance with applicable federal, state and local regulations.

**Handling and Storing Precautions:** Store at room temperature. Avoid extremes in temperature. Handle to avoid breakage or spillage. Store away from direct sunlight.

**Other Precautions:** Avoid contact with skin and eyes. Avoid ingestion.

#### **6. EXPOSURE CONTROL MEASURES:**

**Respiratory Protection:** Not normally required.

**Ventilation:** Local exhaust should be provided.

**Protective Clothing or Equipment:** Impervious gloves, goggles, lab coat or similar clothing.

**Work/Hygienic Practices:** Avoid contact with eyes, skin, mucous membranes. Avoid ingestion. Wash hands and face before eating, drinking or smoking.

#### **7. PHYSICAL/CHEMICAL CHARACTERISTICS: (very similar to water)**

**Boiling Point:** N/A

**Specific Gravity (H<sub>2</sub>O = 1):** 1

**Vapor Pressure (mm Hg):** N/A

**Melting Point:** N/A

**Vapor Density (Air = 1):** N/A

**Evaporation Rate:** N/A  
(Butyl Acetate = 1)

**Solubility in Water:** Complete if stored at 59-86F. Precipitates if chilled, can be resolubilized.

**Appearance and Odor:** Clear yellow liquid with little to no odor.

#### **8. REACTIVITY INFORMATION:**

**Stability:** Stable

**Conditions to Avoid:** Storage in direct sunlight.

**Incompatibility (Materials to Avoid):** None

**Hazardous Decomposition or Byproducts:** None

**Hazardous Polymerization:** Will not occur

#### **9. TOXICOLOGICAL HAZARD INFORMATION:**

**Route(s) of Entry:** Ingestion, skin, eyes.

**Health Hazards (Acute and Chronic):** Irritation to skin/eyes may occur on contact. Ingestion may cause nausea/vomiting and cardiac arrest.

**Carcinogenicity:** None

**LD50:** Toxicity of HPVC: Not available.