

# MATERIAL SAFETY DATA SHEET

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

**Product Identity:** Dextrose 50%      **Product Code:** Dex 50%, 132-50

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

Emergency Telephone: (800) 424-9300

Information Telephone: (715) 833-0644

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Contact: Radix Laboratories Inc.

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## **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>
Dextrose USP	50-99-7	Not Listed	Not Listed	500.0

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

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

**Flammable Limits:** N/A

**Extinguishing Media:** Water, Fog, Carbon Dioxide, dry chemical.

**Special Fire Fighting Procedures:** Usual fire fighting equipment including self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None

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

**Signs and Symptoms of Exposure:** For prolonged exposure irritating to skin, nasal and respiratory tracts, and eyes. Ingestion of large amounts may cause nausea.

**Medical Conditions Generally Aggravated by Exposure:** None known. Affects blood sugar.

### **Emergency and First Aid Procedures:**

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

**EYES:** Flush with water for 15 minutes.

**INGESTION:** Drink large quantities of milk or water to dilute. Inducing vomiting is acceptable, but usually not necessary. Seek medical attention if symptoms persist. (Never give anything by mouth to an unconscious person.) **NOTE:** This product can be commonly called "sugar water".

## **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.

**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:**

**Boiling Point:** N/A

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

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

**Melting Point:** N/A

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

**Evaporation Rate:** N/A

**Solubility in Water:** Complete

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

## **8. REACTIVITY INFORMATION:**

**Stability:** Stable

**Conditions to Avoid:** None

**Incompatibility (Materials to Avoid):** Strong alkalis, strong acids

**Hazardous Decomposition or Byproducts:** Carbon Oxides

**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 and/or vomiting.

**Carcinogenicity:** None

**Oral Rat LD50:** 25,800 mg/kg