

## Material Safety Data Sheet - CSOD

EMERGENCY # FOR NATIONAL RESPONSE CENTER (800) 424-8802

**CHEMICAL IDENTIFICATION:****Product Name:** Superoxide Dismutase Assay**Catalog #** CSOD100-2**Components:**

Part# 4014: 20X WST-1 Solution: 1 ml.

Part# 6010: Xanthine oxidase solution (XO): 15uL.

Part# 3029: Assay Buffer: 20 mL.

Part# 3030: Xanthine oxidase Dilution Buffer: 10mL. (XO dilution Buffer)

Part# 6011: SOD Enzyme: 30uL. See vial for activity.

Part# 9001: 96 well ELISA Plate: 1 plate

Part# 9002: Adhesive Plate Cover: 2.

CAS REGISTRY NUMBER:

OSHA PEL: Not available

ACGIH TLV: Not available

**Section 1 - Physical/Chemical Characteristics**

MELTING POINT: Not applicable

BOILING POINT: Not applicable

SPECIFIC GRAVITY (WATER=1): Not available

VAPOR PRESSURE: Not applicable

VAPOR DENSITY (AIR=1): Not applicable

EVAPORATION RATE (BUTYL ACETATE=1): Not applicable

SOLUBILITY IN WATER: Soluble

APPEARANCE AND ODOR: Red solution

**Section 2 - Fire and Explosion Hazard Data**

FLASH POINT (METHOD USED): Not available

FLAMMABLE LIMITS: Not available

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical powder, foam and water.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear protective clothing, respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire may produce irritating or poisonous gases.

**Section 3 - Reactivity Data**

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sunlight and high temperature.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: When decomposed, it may emit toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxide and sulfur oxides.

**DISCLAIMER**

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