



MATERIAL SAFETY DATA SHEET

Revised: January 23, 2023

I. IDENTIFICATION

Manufacturers Name: CEL Chemical & Supplies, Inc.
Address: 1927 Elrod Road, Piedmont, SC 29673
Phone: (864) 269-3488
Product Name: CELocide Powder
Recommended Use: Bactericide

II. Hazards Identification

NFPA Classification: Health – 2, Flammability – 0 Reactivity – 1, Personal Protection – P
EMERGENCY OVERVIEW Toxic (USA)

Harmful if swallowed. Irritating to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

III. Composition

Material or Component	CAS #	%
2-Thio-3,5-dimethyltetrahydro-1,3,5-thiadiazine	533-74-4	98%
Inert		2%

IV. First Aid Measures

Emergency and First Aid Procedures: Flush contaminated skin and eyes with water, warm water will be most effective.

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Dermal Exposure: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing

V. Firefighting Measures

DOT CATEGORY: Not Required
Flammability NFPA Rating: Zero (0) **Flash Point:** 313 °F 156 °C
Extinguishing Media: Carbon Dioxide, Dry Chemical or Water Spray
Special Firefighting Procedures: Wear NIOSH approved breathing apparatus when fighting any chemical fire. Specific Hazard(s): Emits toxic fumes under fire conditions.

Unusual Fire and Explosion Hazards: None known.

VI. Accidental Release Measures

Methods for Cleaning up Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal: Discard in landfill in accordance with all federal, state, and local regulations.

VII. Handling and Storage

Store in a cool, dry location. Keep tightly closed.

Protect from temperatures above 140°F

Special Requirements Heat sensitive. Moisture sensitive.

VIII. Exposure Controls/Personal Protection

Control Parameters: Safety shower and eye bath. Mechanical exhaust required.

Respiratory Protection: Wear MSHA/NIOSH-approved respirator suitable for concentrations encountered where exposure limits are exceeded.

Ventilation: Local Exhaust

Protective Equipment of Clothing Required:

Butyl rubber/nitrile gloves. Splash proof goggles (or Equivalent). Wash hands thoroughly after handling.

IX. Physical and Chemical Properties

Melting Point: 103 - 105 °C

Solubility in Water: Complete

Appearance: solid

Flash Point 313 °F 156 °C

Specific Gravity 1.37 (0.7 Bulk)

X. STABILITY AND REACTIVITY

Reactivity NFPA Rating: 0

Stability: Product is stable.

Incompatibility: None known

Hazardous Polymerization: Will not occur

Conditions to Avoid: Sensitive to heat. Sensitive to moisture.

Materials to Avoid: Strong oxidizing agents, Acids.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

XI. Toxicological Information

Routes of Exposure: Eye contact, skin contact and ingestion.

Health NFPA Rating: 2

Signs And Symptoms Of Exposure To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

EFFECTS OF OVEREXPOSURE

Acute Overexposure

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: Harmful if swallowed.

Eye: May cause irritation, burning, redness.

Skin: Overexposure may cause dryness, slight irritation.

Chronic Overexposure: Not Determined

XII. Ecological Information

This product is toxic to fish

XIII. Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

XIV. Transport Information

Totes and Drums: Proper Shipping Name: Non-Regulated
Hazard Class: N/A ID Number: N/A Packing Group: N/A
DOT
Proper Shipping Name: Environmentally hazardous substances, solid, n.o.s.
UN#: 3077
Class: 9
Packing Group: Packing Group III
Hazard Label: Class 9

XV. Regulatory Information

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Toxic (USA) Harmful (EU).
Risk Statements: Harmful if swallowed. Irritating to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Statements: Keep away from heat. Do not breathe dust.
Avoid contact with skin. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/safety data sheets.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: Yes
DEMINIMIS: 1 %
NOTES:
TSCA INVENTORY ITEM: Yes Yes

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: Yes
NDSL: No

TSCA: Yes

XVI. Other Information

SDS Revised Date: January 23, 2023

Supersedes SDS: December 20, 2015

Health: 2	Flammability: 0	Physical Hazard: 1	Personal Protection: D
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