

3,5-Dichloro-2-hydroxybenzenesulfonic acid, disodium salt: sc-280385



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product Name: 3,5-Dichloro-2-hydroxybenzenesulfonic acid, disodium salt
Catalog Number: sc-280385
Synonyms: HDCBS · 2 Na
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2 - Composition, Information on Ingredients

Name: 3,5-Dichloro-2-hydroxybenzenesulfonic acid, disodium salt
CAS-No.: 95041-38-6

Section 3 - Hazards Identification

Emergency Overview

Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated. May be harmful if swallowed, inhaled or absorbed through skin.

Target Organs

None known.

Potential Health Effects

- Eye:** Causes eye irritation.
- Skin:** Causes skin irritation.
- Ingestion:** Causes digestive tract irritation.
- Inhalation:** Causes respiratory tract irritation.
- Chronic:** Not available.

Section 4 - First Aid Measures

Eye: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin: In case of contact, immediately flush skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothes before reuse.

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

Inhalation: If inhaled, remove to fresh air, immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Firefighting Measures

General Information: As in any fire, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing Media: In case of fire use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Autoignition Temperature: Not available.

Flash Point: Not available.

NFPA Rating: Not published.

Explosion Limits:**Upper:** Not available.**Lower:** Not available.**Section 6 - Accidental Release Measures****General Information:** Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.**Spills/Leaks:** 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.**Section 7 - Handling and Storage****Handling**

Avoid ingestion and inhalation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage

Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Store at room temperature.

Section 8 - Exposure Controls, Personal Protection**Engineering Controls:** Mechanical exhaust required. Safety shower and eye bath.**Exposure Limit:** Not available.**Personal Protective Equipment****Eyes:** Wear chemical safety goggles or face shield.**Skin:** Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.**Hand:** Wear compatible chemical-resistant gloves to prevent skin exposure.**Clothing:** Wear appropriate protective clothing to prevent exposure.**Respirator:** Wear NIOSH/MSHA or European Standard EN 149 approved respirator.**Section 9 - Physical and Chemical Properties**

Form	powder	pH	10.0
Odor	no characteristic odor	Boiling point	no data available
Melting point	no data available	Autoignition temperature	no data available
Flash point	no data available	Vapor Pressure	no data available
Vapor Density	no data available	Specific Gravity/Density	no data available
Molecular formula	C ₆ H ₂ Cl ₂ O ₄ SNa ₂	Solubility in water	Freely soluble
Molecular weight	287.03	Coefficient octanol/water	no data available
Solubility other	no data available	Other physical data	no data available

Section 10 - Stability and Reactivity**Stability:** Stable under normal temperatures and pressures.**Conditions to Avoid:** Incompatible materials.**Incompatibilities:** Strong oxidizing agents.**Hazardous Decomposition Products:** Toxic fumes of: carbon monoxide, carbon dioxide, sulfur oxides, hydrogen chloride gas.**Hazardous Polymerization:** Will not occur.**Section 11 - Toxicological Information****RTECS:** Not available.**LD50/LC50:** Not available.**Carcinogenicity:** Not available.**Epidemiology:** Not available.**Teratogen:** Not available.**Reproductive Effects:** Not available.

Neurotoxicity: Not available.
Mutagen: Not available.
Other Studies: Not available.

Section 12 - Ecological Information

Ecotoxicity: Not available.
Environmental Fate: Not available.
Physical/Chemical: Not available.
Other: Not available.

Section 13 - Disposal Considerations

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.

Section 14 - Transport Information

IATA
No data available.
RID/ADR
No data available.

Section 15 - Regulatory Information

European / International Regulations

Hazard Symbols: Xi

R-Phrase No.: Risk Phrases

R36/37/38: Irritating to eyes, respiratory system and skin.

S-Phrase No.: Safety Phrases

S36,S26: Wear suitable protective clothing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

International Regulations:

On TSCA January 2004 Inventory Tape. On NDSL, Canada Gazette, Part I, January 31, 1998.

Various

Exposure Limit: Not available.

Section 16 - Other Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

10/3/2011