Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Common Name: Sodium dicyclonate; Sodium dichloroacetate; Sodium dichloroacetate; Sodium dichloroacetate
Chemical Names: Sodium dichloroacetate

CAS Number: 7775-14-6

Section 2 - Composition, Information on Ingredients

- One Reagent Lane
- Fair Lawn, NJ 07410

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Washing: Causes eye irritation, Heat sensitive. May cause central nervous system effects. Self-heating exposure to air may cause substance to self-heat without an energy source. Strong reducing agent. Fire and explosion risk in contact with oxidizing agents. May cause skin, respiratory tract irritation. May cause headache, nausea, vomiting, abdominal pain, and increased salivation.

Potential Health Effects
- Inhalation: May cause respiratory tract irritation. Inhalation of dust may cause respiratory tract irritation. Olfactory fatigue may occur.
- Skin: May cause skin irritation and possible burns. May cause chemical conjunctivitis and corneal damage.
- Ingestion: May cause nausea, vomiting, abdominal pain, and increased salivation.

Chronic: No information found.

Emergency Telephone Numbers:
- US 201-796-1800
- EMT/EMS: 201-796-1800
- CHEMTREC Phone Number: 00-048-1800

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid if irritation develops or persists. Wash clothing before reuse. Flush skin wet with plenty of soap and water.

Ingestion: Do not induce vomiting. If victim is conscious and alert, give 2 to 4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. DO NOT USE mouth-to-mouth resuscitation.

Section 5 - Fire Fighting Measures


Extinguishing Media: Water is considered effective).

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Scoop up with a nonsparking tool, then place into a suitable container for disposal. Do not get water into the material.

Handling: Use only in a well-ventilated area. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Empty containers and partially filled product residue, (solid or liquid), and vapor, can be dangerous. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Handle under an inert atmosphere. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not expose to any source of ignition. Store under an inert atmosphere isolated from oxidizing materials and acids. Store in a cool, dry, well-ventilated area.

Engineering Measures: Facilities storing or utilizing this material should be equipped with emergency water sprinklers. Consider equipping storage facilities with sulfur dioxide detectors. E.S. 6 - Exposure Controls, Personal Protection

Engineering Controls: Use self-contained breathing apparatus in hazardous atmospheres.

Personal Protective Equipment

Goggles: Wear appropriate protective eyewear or chemical splash safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.137 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 respirator if exposure is expected to exceed or if first aid personnel is present.

Section 8 - Physical and Chemical Properties

Physical State: Crystalline powder
Color: White
Solubility in water: Not available
Storage Limits: Not available
Vapor Pressure: Not available
Reactivity: Not available
Density: Not available
Vapor Density: Not available
Boiling Point: Not available
Freezing/Melting Point: Not available

decimals may vary (20°C)

Molecular Formula: Not available
Molecular Weight: Not available

Section 9 - Stabilities and Reactivity

Chemical Stability: Stable under normal temperatures and pressures

Conditions to Avoid: Not available

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures

Conditions to Avoid: Not available

Section 11 - Toxicological Information

Hazard Classification: Not available

Toxicological Properties: Not available

Section 12 - Ecological Information

Ecological Effects: Not available

Section 13 - Disposal Considerations

Disposal Methods: Not available

Section 14 - Transport Information

Transport Regulations: Not available

Section 15 - Regulatory Information

Regulatory Information: Not available

Section 16 - Other Information

Other Information: Not available

Section 17 - Additional Information

Additional Information: Not available

Section 18 - Certification

Certification: Not available

Section 19 - Regulatory Agency Information

Regulatory Agency Information: Not available

Section 20 - Registration Information

Registration Information: Not available

Section 21 - Certificate of Analysis

Certificate of Analysis: Not available

Section 22 - MSDS/SDS

MSDS/SDS: Not available
Hydrogen peroxide is a strong oxidizing agent; strong acids.
Hazardous Decomposition Products: Carbon monoxide, oxides of sulfur, carbon dioxide.

Hazardous Polymerization Data: Not reported.

Section II - Toxicological Information

STECs:
CASE 7775-14-6: None listed.
LD50/IVLD:
STECs: Not available.
Carcinogenicity: Not listed.
Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology:
No information found.
Teratogenicity:
No information found.
Reproductive:
No information found.
Neurotoxicity:
No information found.
Mutagenicity:
No information found.

Other: Not available.
Section 12 - Ecological Information

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SCRA P-Series: None listed.
SCRA D-Series: None listed.

Section 14 - Transport Information

US DOT:
Shipping Name: SODIUM DITHIONITE
Hazard Class: 4.2
UN Number: UN1384
Packing Group: II
Canada TDG:
Shipping Name: SODIUM DITHIONITE
Hazard Class: 4.2
UN Number: UN1384
Packing Group: II

Section 15 - Regulatory Information

US Federal:

TSCA:
CASE 7775-14-6 is listed on the TSCA Inventory.
None of the chemicals are on the Health & Safety Reporting List.
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None of the chemicals in this product are under a Chemical Test Rule.
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Section 13b:
None of the chemicals in this product are listed under TSCA Section 13b.
TSCA Significant New Use Rule:
None of the chemicals in this material have a SNUR under TSCA.

OSHA Hazardous Substances and corresponding RQ:
None of the chemicals in this material have an RQ.

SARA Section 312 Extremely Hazardous Substances
None of the chemicals in this product have a TQ.

SARA Codes
CAS #: 7775-14-6: acute, flammable, reactive.

Section 113:
No chemicals are reportable under section 113.
Clean Air Act:
This material does not contain any hazardous air pollutants.
Clean Water Act:
This material does not contain any Class 1 Water Pollutants.
Clean Water Act:
This material does not contain any Class 2 Water Pollutants.

OBIA:
STATE:
Sodium dithionite can be found on the following state right to know lists: New Jersey, Pennsylvania, Massachusetts.

California Prop 65: California NO Significant Risk Level:
None of the chemicals in this product are listed.

European/International Regulations

4.180