

SAFETY DATA SHEET

Date issued : 01/06/2021
SDS number : Triple S_DC Plus 2
Date revised : 12/15/2021
Revision number : 2

SSS DC Plus 2 Detergent/Disinfectant

1. Identification

Product code: 13409, 13411, 48397, 48398
Product identifier: SSS DC Plus 2 Detergent/Disinfectant
Product description: RTU Tuberculacidal Disinfectant
Chemical family: Quaternary Ammonium Chloride
Relevant identified uses: Disinfectant, Virucide, Fungicide

Distributor

Triple S
98 Spit Brook Road
Nashua, NH 03062
<http://www.triple-s.com>

Customer Service: 978-667-7900

Emergency telephone number (24 hour)

CHEM-TEL (Medical and Transportation): 800-255-3924
POISON CONTROL CENTER (Medical): 800-222-1222

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Skin Irritation, Category 3
Eye Irritation, Category 2B

Label elements

Signal word: WARNING

Hazard statement(s)

H320: Causes eye irritation.
H316: Causes mild skin irritation.
H303: May be harmful if swallowed.

Precautionary statement(s)

Prevention:

P264: Wash hands thoroughly after handling.
P234: Keep only in original packaging.

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

Emergency overview

Physical appearance: Blue liquid

Immediate concerns: Moderate eye irritant.

Potential health effects

Eye: Contact causes eye irritation.

Skin: May be mildly irritating with prolonged or repeated contact.

Skin absorption: No known significant effects or critical hazards.

Ingestion: Harmful if swallowed.

Reproductive toxicity

Teratogenic effects: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Routes of entry: Eye, skin, ingestion.

Warning caution labels: Irritant

3. Composition/information on ingredients

| Chemical name | % w/w | CAS No. |
|---|--------|------------|
| Benzyl-Dimethyl-Tetradecylazanium;Chloride | 0.105 | 68391-01-5 |
| Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride | 0.105 | 85409-23-0 |
| Tetrasodium EDTA | 0 - 2 | 64-02-8 |
| Butoxydiglycol | 5 - 10 | 112-34-5 |
| Dye | < 0.1 | TS |
| Fragrance | < 1 | TS |
| Water | 90 | 7732-18-5 |

4. First-aid measures

Eye: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

Skin: Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Inhalation: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

Most important symptoms and effects, both acute and delayed

Eye: Burning sensation with tears, redness.

Skin: Redness and itching sensation.

Ingestion: Irritation of mouth, throat, along with upset stomach, vomiting.

Inhalation: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

Acute effects: Irritating to eyes, mild skin irritation.

5. Fire-fighting measures

Flammable class: None

Suitable extinguishing media: Not required.

Explosion hazards: None

Hazardous decomposition products: Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen oxides.

6. Accidental release measures

Small spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

Environmental precautions

Water spill: Avoid discharges into open waterways and notify your local emergency services if this occurs.

Land spill: Avoid discharge to soil.

Air spill: NA = Not Applicable

General procedures: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

Release notes: Product is toxic to fish.

Special protective equipment: Eye protection, rubber gloves, rubber boots to protect feet.

7. Handling and storage

General procedures: Do not contaminate water, food, or feed by storage and disposal.

Precautions for safe handling: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

Conditions for safe storage: Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, and water sources. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

Storage temperature: (50°F) Minimum to (120°F) Maximum

Storage pressure: Store at ambient atmospheric pressure.

8. Exposure controls/personal protection

Exposure controls

| Control parameters | | | |
|------------------------------------|--------------|------|-------------------|
| Occupational exposure limit values | | | |
| Chemical name | Type | ppm | mg/m ³ |
| Butoxydiglycol | ACGIH TLV | TWA | 10 |
| | Supplier OEL | TWA | 35 |
| | | STEL | NL |

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses with side shields.

Skin protection - hand protection: Rubber or other chemical resistant gloves.

Respiratory protection: A respirator is not needed under normal and intended conditions of product use.

Occupational hygiene practices: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. Physical and chemical properties

Physical state: Liquid

Color: Blue

Odor: Fresh

Odor threshold: Not Established

pH: 11.5 to 12.0

Freezing point: 32° F; 0° C

Initial boiling point and boiling range: 212° F; 100° C

Flash point: None

Evaporation rate (n-butyl acetate = 1): (Water =1) 1.0

Lower explosion limit / flammability limit: N/A

Vapor pressure: 20 mm Hg at (68°F)

Relative vapor density: ~ 1 Air = 1

Density: 8.37 at 20°C (68°F)

Relative density: 1.003 grams/ml. at 20°C (68°F)

Solubility: Complete

Auto-ignition temperature: NA = Not Applicable

Decomposition temperature: Not Available

Viscosity: Water thin.

Percent volatiles: >98

VOC content: None

10. Stability and reactivity

Reactivity: Stable

Dangerous polymerization: Will not occur.

Conditions to avoid: Not Established

Hazardous decomposition products: None Expected.

Incompatible materials: Strong oxidizers

11. Toxicological information

Acute toxicity

| Chemical name | LD ₅₀ (oral) mg/kg(rat) | LD ₅₀ (dermal) mg/kg(rabbit) |
|---|------------------------------------|---|
| Benzyl-Dimethyl-Tetradecylazanium;Chloride | > 1890 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride | > 500 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| Tetrasodium EDTA | 3030 mg/kg (rat) | > 5000 mg/kg (rabbit) |
| Butoxydiglycol | ~ 4500 mg/kg (rat) | ~ 2764 mg/kg (rabbit) |

Acute dermal toxicity LD₅₀: > 2000 mg/kg male and female rabbits.

Acute oral toxicity LD₅₀: > 5000 mg/kg Male and Female rats.

Skin corrosion / irritation: NA = Not Applicable

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

IARC: No listed substance

Reproductive toxicity: No known significant effects or critical hazards.

Specific Target Organ Toxicity - single exposure: No known significant effects or critical hazards.

12. Ecological information

Ecotoxicological information: This product is toxic to fish.

Aquatic toxicity, both acute and chronic: Not Established

Persistence and degradability: This product is biodegradable.

Other adverse effects: Not Established

13. Disposal considerations

Disposal methods: Attempt to use product completely in accordance with intended use. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

For large spills: Consult with local and state authorities for large volume disposal.

Empty container: Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose in a sanitary landfill, or by incineration.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not regulated.

Placards: None

Hazard label: None

U.S. Customs harmonization number: 3808.94.0000

ICAO - air

UN proper shipping name: Not regulated.

IMDG - sea

UN proper shipping name: Not regulated.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Health - Acute

313 reportable ingredients: No listed substance

EPCRA Section 313 Toxic Chemicals

| Chemical name | % w/w | CAS No. |
|----------------|--------|----------|
| Butoxydiglycol | 5 - 10 | 112-34-5 |

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: No listed substance

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All ingredients are listed on the TSCA Chemical Inventory.

California Proposition 65: No listed substance

Carcinogen: No listed substance

FIFRA (federal insecticide, fungicide, and rodenticide act): Regulated

16. Other information

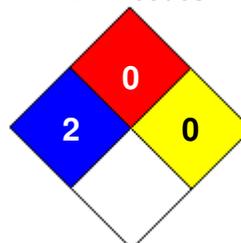
Date revised: 12/15/2021

Revision summary: This SDS replaces the 03/10/2021 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

| | | |
|---------------------|---|---|
| Health | 1 | 2 |
| Flammability | 0 | 0 |
| Physical hazard | 0 | 0 |
| Personal protection | B | |

NFPA codes



Manufacturer disclaimer: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other

products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.