

SC Sanitizing Rinse

Safety Data Sheet

SECTION 1: Product and company identification

Product name : SC Sanitizing Rinse
Use of the substance/mixture : Sanitizing Agents
Product code : 0778
Company : Athea Laboratories, Inc.
P.O. Box 240014
Milwaukee, WI 53224 – USA
T 800-763-64173
athea.com
Contact: Technical Department
Emergency number : Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS US classification

Acute Tox. 3 H331
(Inhalation:dust,mist)
Skin Irrit. 2 H315
Eye Dam. 1 H318
STOT SE 3 H335

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)



GHS05

GHS06

GHS07

Signal word (GHS US) : Danger

Hazard statements (GHS US) : Causes skin irritation
Causes serious eye damage
Toxic if inhaled
May cause respiratory irritation

Precautionary statements (GHS US) : Avoid breathing dust.
Wash thoroughly after handling
Use only outdoors or in a well-ventilated area.
Wear eye protection, protective clothing, protective gloves.
If on skin: Wash with plenty of water.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER, a doctor.
Call a poison center or doctor.
Call a doctor, a POISON CENTER if you feel unwell.
Specific treatment (see First aid measures on this label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container to comply with local/regional/national/international regulations..

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

Full text of H-phrases: see section 16

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3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---------------------------------|----------------------|-------|--|
| Monosodium Phosphate, Anhydrous | (CAS-No.) 7558-80-7 | 30-40 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |
| troclosene sodium, dihydrate | (CAS-No.) 51580-86-0 | 25-35 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 |

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.
- First-aid measures after skin contact : Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : Fatal if inhaled. Causes severe skin burns and eye damage. Harmful if swallowed.
- Symptoms/effects after inhalation : May cause respiratory irritation. Fatal if inhaled.
- Symptoms/effects after skin contact : Caustic burns/corrosion of the skin.
- Symptoms/effects after eye contact : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
- Symptoms/effects after ingestion : Gastrointestinal complaints. Harmful if swallowed. Burns to the gastric/intestinal mucosa.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

- Reactivity : If the product is involved in a fire, it can release toxic chlorine gases.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel

- Protective equipment : Protective goggles. Gloves. Protective clothing.
- Emergency procedures : Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Contain released product, pump into suitable containers.
- Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open the container with care. Keep away from sources of ignition - No smoking.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat. Keep container closed when not in use.
- Incompatible products : Oxidizing agent. reducing agents. Acids. alkalis.
- Incompatible materials : Moisture. Heat sources.
- Storage area : Store in a cool area. Store in a dry area.
- Special rules on packaging : meet the legal requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

troclosene sodium, dihydrate (51580-86-0)

Not applicable

Monosodium Phosphate, Anhydrous (7558-80-7)

Not applicable

8.2. Exposure controls

- Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Gloves. Protective clothing.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Fine white powder
- Odor : slight, chlorine-like
- Odor threshold : No data available
- pH : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Explosive properties : No data available
- Oxidizing properties : No data available
- Vapor pressure : No data available
- Relative density : No data available
- Relative vapor density at 20 °C : No data available
- Solubility : Soluble in water.
- Partition coefficient n-octanol/water (Log Pow) : No data available
- Partition coefficient n-octanol/water (Log Kow) : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available

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| | |
|----------------------|---------------------|
| Viscosity | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| VOC content | : 0 % |

SECTION 10: Stability and reactivity

10.1. Reactivity

If the product is involved in a fire, it can release toxic chlorine gases.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

10.5. Incompatible materials

Acids. alkalis. Oxidizing agents. reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition generates : chlorine gas.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

troclosene sodium, dihydrate (51580-86-0)

| | |
|-----------------------|---|
| LD50 oral rat | 1823 mg/kg (EPA OPP 81-1: Acute Oral Toxicity, Rat, Male / female, Read-across, Oral, 14 day(s)) |
| LD50 dermal rat | > 5000 mg/kg (EPA OPP 81-2, Rat, Male / female, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | 0.27 – 1.17 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Low permeability, Inhalation (dust), 14 day(s)) |
| ATE CLP (oral) | 1823 mg/kg body weight |
| ATE CLP (vapors) | 0.27 mg/l/4h |
| ATE CLP (dust, mist) | 0.27 mg/l/4h |

Monosodium Phosphate, Anhydrous (7558-80-7)

| | |
|-------------------------------------|--|
| LD50 oral rat | 8290 mg/kg |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye damage. |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/effects after inhalation | : May cause respiratory irritation. Fatal if inhaled. |
| Symptoms/effects after skin contact | : Caustic burns/corrosion of the skin. |
| Symptoms/effects after eye contact | : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage. |
| Symptoms/effects after ingestion | : Gastrointestinal complaints. Harmful if swallowed. Burns to the gastric/intestinal mucosa. |

SECTION 12: Ecological information

12.1. Toxicity

troclosene sodium, dihydrate (51580-86-0)

| | |
|----------------------|---|
| LC50 - Fish [1] | 0.23 mg/l (96 h, Lepomis macrochirus, Static system, Fresh water, Read-across, GLP) |
| EC50 - Crustacea [1] | 0.17 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Read-across, GLP) |

12.2. Persistence and degradability

troclosene sodium, dihydrate (51580-86-0)

| | |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

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| | |
|---|------------------------------------|
| troclosene sodium, dihydrate (51580-86-0) | |
| Chemical oxygen demand (COD) | 0.01 g O ₂ /g substance |

12.3. Bioaccumulative potential

| | |
|---|--|
| troclosene sodium, dihydrate (51580-86-0) | |
| Partition coefficient n-octanol/water (Log Pow) | -0.0556 (Anhydrous form, QSAR, KOWWIN) |
| Bioaccumulative potential | Not bioaccumulative. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT : Not regulated for transport

DOT Special Provisions (49 CFR 172.102) :

DOT Vessel Stowage Location :

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER: CORROSIVE. Causes irreversible eye damage. May be fatal if inhaled. Causes skin irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

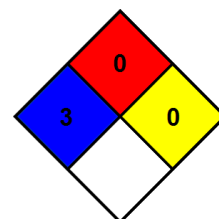
SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA health hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



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Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.