

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 : Richardson Chemical Products Co.
P.O. Box 240014
Milwaukee, WI 53224-9001 - USA
T 414-354-6417
Emergency number : Chemtrec: 800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Acute Tox. 2 (Inhalation:dust,mist) H330
Skin Corr. 1C H314
STOT SE 3 H335
Full text of H statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS05

GHS06

GHS07

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : Causes severe skin burns and eye damage
Fatal if inhaled
May cause respiratory irritation

Precautionary statements (GHS-US) : Do not breathe dust
Wash thoroughly after handling
Use only outdoors or in a well-ventilated area
Wear eye protection, protective clothing, protective gloves
In case of inadequate ventilation wear respiratory protection
If swallowed: rinse mouth. Do NOT induce vomiting
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
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 doctor, a POISON CENTER if you feel unwell
Specific treatment is urgent (see First aid measures on this label)
Wash contaminated clothing 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. Substance

Not applicable

Full text of H-phrases: see section 16

SC Sanitizing Rinse

Safety Data Sheet

3.2. Mixture

| 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. 2 (Inhalation), H330 Skin Corr. 1C, H314 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/injuries : Fatal if inhaled. Causes severe skin burns and eye damage. Harmful if swallowed.
- Symptoms/injuries after inhalation : May cause respiratory irritation. Fatal if inhaled.
- Symptoms/injuries after skin contact : Caustic burns/corrosion of the skin.
- Symptoms/injuries after eye contact : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
- Symptoms/injuries 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 substance, 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.

SC Sanitizing Rinse

Safety Data Sheet

6.4. Reference to other sections

No additional information available

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

No additional information available

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.
- Log Pow : No data available
- Log Kow : No data available
- Auto-ignition temperature : No data available

SC Sanitizing Rinse

Safety Data Sheet

| | |
|---------------------------|---------------------|
| Decomposition temperature | : No data available |
| 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

No additional information available

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 : Inhalation:dust,mist: Fatal if inhaled.

troclosene sodium, dihydrate (51580-86-0)

| | |
|----------------------------|---|
| LD50 oral rat | 735 mg/kg (Rat; EPA OPP 81-1: Acute Oral Toxicity; Literature study; 1436 mg/kg bodyweight; Rat; Read-across) |
| LD50 dermal rat | > 5000 mg/kg (Rat; Experimental value; EPA OPP 81-2) |
| LC50 inhalation rat (mg/l) | 0.27-1.17,Rat; Not relevant, expert judgement |

Monosodium Phosphate, Anhydrous (7558-80-7)

| | |
|---------------|------------|
| LD50 oral rat | 8290 mg/kg |
|---------------|------------|

| | |
|--|--|
| Skin corrosion/irritation | : Causes severe skin burns and eye damage. |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : May cause respiratory irritation. |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/injuries after inhalation | : May cause respiratory irritation. Fatal if inhaled. |
| Symptoms/injuries after skin contact | : Caustic burns/corrosion of the skin. |
| Symptoms/injuries after eye contact | : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage. |
| Symptoms/injuries 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 | 0.13 mg/l (LC50; 96 h; Salmo gairdneri) |
| EC50 Daphnia 1 | 0.28 mg/l (EC50; 48 h) |

SC Sanitizing Rinse

Safety Data Sheet

12.2. Persistence and degradability

troclosene sodium, dihydrate (51580-86-0)

| | |
|-------------------------------|---|
| Persistence and degradability | Not readily biodegradable in water. Readily biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Highly mobile in soil. |
| Chemical oxygen demand (COD) | 0.01 g O ₂ /g substance |

12.3. Bioaccumulative potential

troclosene sodium, dihydrate (51580-86-0)

| | |
|---------------------------|--|
| Log Pow | -0.0556 (Anhydrous form; QSAR; KOWWIN) |
| Bioaccumulative potential | Not bioaccumulative. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste 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

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.

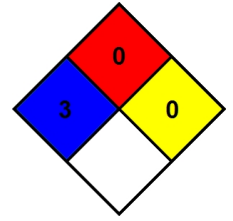
Full text of H-phrases:

| | |
|------|---|
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H330 | Fatal if inhaled |
| H335 | May cause respiratory irritation |

SC Sanitizing Rinse

Safety Data Sheet

NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard : 0 - Materials that will not burn.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



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.