

SAFETY DATA SHEET

Date issued : 04/06/2021

SDS number : Triple S_OxyPro 365 Hydrogen Peroxide Cleaner RTU

SSS OxyPro 365 Hydrogen Peroxide Cleaner RTU

1. Identification

Product identifier: SSS OxyPro 365 Hydrogen Peroxide Cleaner RTU

Product description: Hydrogen Peroxide Disinfectant Cleaner

Chemical family: Hydrogen Peroxide Disinfectant Cleaner

Relevant identified uses: Disinfectant, Cleaner, Mildewstat, Virucide

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)

888-779-1339

2. Hazard identification

Classification of the substance or mixture

This product is not classified as hazardous according to OSHA 29 CFR §1910.1200 (HazCom 2012-GHS).

Label elements

Based on available data, the classification criteria are not met. Handle in accordance with good industrial hygiene and safety practice. Not a hazardous substance or mixture according to US Regulation 29 CFR §1910.1200.

Precautionary statement(s)

Prevention:

- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P262: Do not get in eyes, on skin, or on clothing.
- P270: Do not eat, drink or smoke when using this product.
- P281: Use personal protective equipment as required.

Response:

- P314: Get medical advice/attention if you feel unwell.

Storage:

- P410+P403: Protect from sunlight. Store in a well-ventilated place.
- P402+P404: Store in a dry place. Store in a closed container.

Disposal:

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

Potential health effects

- Eye:** No known significant effects or critical hazards.
- Skin:** No known significant effects or critical hazards.
- Skin absorption:** No known significant effects or critical hazards.
- Ingestion:** No known significant effects or critical hazards.
- Inhalation:** No known significant effects or critical hazards.

Reproductive toxicity

- Reproductive toxicity:** No known significant effects or critical hazards.
- 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.

Cancer statement: None

Sensitization: No known significant effects or critical hazards.

3. Composition/information on ingredients

| Chemical name | % w/w | CAS No. |
|----------------------|----------|-----------|
| Hydrogen Peroxide | 1 - 2.5 | 7722-84-1 |
| Methanesulfonic acid | 1 - 2.5 | 75-75-2 |
| Phosphoric Acid | 0.5 - 1 | 7664-38-2 |
| Water | 80 - 100 | 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: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Most important symptoms and effects, both acute and delayed

Acute effects: Not Available

Chronic effects: Not Available

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. Fire-fighting measures

General hazard: Heating or fire can release toxic gas.

Suitable extinguishing media: Water Spray, alcohol-resistant foam, dry chemical

Other considerations: Use water spray to cool unopened containers.

Fire fighting procedures: Keep fire exposed containers cool with water stream or mist.

Fire fighting equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

6. Accidental release measures

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

Environmental precautions

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

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: Contain and/or absorb spill, then place in a suitable container.

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

7. Handling and storage

General procedures: No special requirements.

Precautions for safe handling: No special precautions required.

Conditions for safe storage: Keep container tightly closed. Keep in a well-ventilated place. Electrical installations/working materials must comply with the technological safety standards. To maintain product quality, do not store in heat or direct sunlight. Keep out of reach of children.

8. Exposure controls/personal protection

Exposure controls

| Control parameters | | | | |
|------------------------------------|--------------|------|-----|-------------------|
| Occupational exposure limit values | | | | |
| Chemical name | Type | | ppm | mg/m ³ |
| Hydrogen Peroxide | OSHA PEL | TWA | 1 | 1.4 |
| | ACGIH TLV | TWA | 1 | 1.4 |
| | Supplier OEL | TWA | NL | NL |
| | | STEL | NL | NL |
| Phosphoric Acid | OSHA PEL | TWA | | 1 |
| | ACGIH TLV | TWA | | 1 |
| | | STEL | | |
| | Supplier OEL | TWA | NL | NL |
| | | STEL | NL | NL |

Appropriate engineering controls: No special requirements.

Individual protection measures, such as personal protective equipment

Eye / face protection: A personal protection is not needed under normal and intended conditions.

Skin protection - hand protection: A personal protection is not needed under normal and intended conditions.

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

Skin protection - other: A personal protection is not needed under normal and intended conditions.

Occupational hygiene practices: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical state: Liquid

Color: Clear

Odor: Fresh

Odor threshold: Not yet Determined

pH: 1.5

Melting point: Not Available

Freezing point: Not Available

Initial boiling point and boiling range: Not Available

Flash point: >100C (212F)

Evaporation rate (n-butyl acetate = 1): Not Available

Lower explosion limit / flammability limit: No data available

Upper explosion limit / flammability limit: No data available

Explosion limit / flammability limit notes: No data available.

Vapor pressure: Not yet Determined

Relative vapor density: Not yet Determined

Density: 8.46 at 20°C (68°F)

Relative density: 1.014

Solubility: Soluble

Auto-ignition temperature: Not yet Determined

Decomposition temperature: Not yet Determined

Viscosity: Water thin.

Pour point: Not Available

VOC content: 0 % by weight

10. Stability and reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable under normal storage and use conditions.

Conditions to avoid: Avoid excessive heat.

Possibility of hazardous reactions: No dangerous reactions known under conditions of normal use.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Incompatible materials: Strong acids. Strong basis. Strong oxidizing agents. Reducing agents.

11. Toxicological information

Acute toxicity

| Chemical name | LD ₅₀ (oral) mg/kg(rat) | LD ₅₀ (dermal) mg/kg(rabbit) |
|-------------------|------------------------------------|---|
| Hydrogen Peroxide | > 2000 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| Phosphoric Acid | ~ 1530 mg/kg (rat) | ~ 2740 mg/kg (rabbit) |

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

Notes: Method: US-EPA

GLP: Yes

Acute oral toxicity LD₅₀: > 5000 mg/kg (rat)

Notes: Method: US-EPA

GLP: Yes

Acute inhalation toxicity LC₅₀: > 2.52 mg/kg Male and Female rats.

Notes: Exposure Time: 4h, Test atmosphere: dust/mist, Method: US-EPA, GLP: Yes, Assessment: The substance or mixture has no acute inhalation toxicity.

Skin corrosion / irritation: No

Serious eye damage / irritation: No

Respiratory or skin sensitization: No

Germ cell mutagenicity: None known.

Carcinogenicity

| Chemical name | IARC |
|-------------------|--|
| Hydrogen Peroxide | Group 3 - Not classifiable as to its carcinogenicity to Humans |

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Notes: No products were found.

Reproductive toxicity: Not Available

Specific Target Organ Toxicity - single exposure: No

Specific Target Organ Toxicity - repeated exposure: None Expected.

Aspiration hazard: Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicological information: No products were found.

Aquatic toxicity, both acute and chronic: No products were found.

Bioaccumulative potential: No products were found.

Other adverse effects: No products were found.

13. Disposal considerations

Disposal methods: Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: NA = Not Applicable

Transport hazard class(es): None

Packing group, if applicable: N/A

ADR / RID - road / rail

UN proper shipping name: NA = Not Applicable

UN number: N/A

Hazard class: NA = Not Applicable

Packing group, if applicable: N/A

ICAO - air

UN proper shipping name: NA = Not Applicable

UN number: N/A

Transport hazard class(es): NA = Not Applicable

Packing group, if applicable: N/A

IMDG - sea

UN proper shipping name: NA = Not Applicable

UN number: N/A

Transport hazard class(es): NA = Not Applicable

Packing group, if applicable: N/A

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: None

311/312 Physical hazards: None

313 reportable ingredients: No products were found.

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: Hydrogen Peroxide (CAS# 7722-84-1)

Threshold quantity: 1000

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: Orthophosphoric acid

| Chemical name | % w/w | CERCLA rq |
|-----------------|---------|------------|
| Phosphoric Acid | 0.5 - 1 | 5,000 lbs. |

CERCLA rq: * Calculated RQ exceeds reasonably attainable upper limit.

Reportable spill quantity: 5000

TSCA (The Toxic Substances Control Act)

| | |
|----------------------|----------------|
| Chemical name | CAS No. |
| Methanesulfonic acid | 75-75-2 |

CAA 112(b) Hazardous Air Pollutants

CAA 112(r) List of Substances for Accidental Release Prevention: No products were found.

Clean air act (hazardous air pollutants): No products were found.

States with special requirements

| Chemical name | Requirements |
|-------------------|---|
| Hydrogen Peroxide | Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance |
| Phosphoric Acid | Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance Rhode Island Right to Know Substance |

California Proposition 65: No listed substance

Clean water act: Orthophosphoric Acid, CAS# 7664-38-2

Carcinogen: No products were found.

16. Other information

Prepared by: Regulatory Department **Date Prepared:** 04/06/2021

HMIS rating

| | | |
|----------------------------|----------------------|----------|
| Health | <input type="text"/> | 0 |
| Flammability | <input type="text"/> | 0 |
| Physical hazard | <input type="text"/> | 0 |
| Personal protection | <input type="text"/> | |

NFPA codes

