

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name CC TRIPEMAX E

Other means of identification

Product Code 20582

Recommended use of the chemical and restrictions on use

Recommended Use Bleaching compound

Uses advised against Follow the directions for use on the label when applying this product

Details of the supplier of the safety data sheet

Initial supplier identifier

Safe Foods Chemical Innovations
1501 E. 8th Street
North Little Rock, AR 72114 USA

Emergency telephone number

Initial supplier phone number 1-501-758-8500
Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

| | |
|-----------------------------------|---------------------------|
| Skin corrosion/irritation | Category 1 Sub-category A |
| Serious eye damage/eye irritation | Category 1 |
| Oxidizing liquids | Category 1 |

Label elements

DANGER

Hazard statements

Causes severe skin burns and eye damage
May cause fire or explosion; strong oxidizer



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from clothing and other combustible materials
Wear fire resistant or flame retardant clothing
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor.
Specific treatment (see Section 4 on SDS)
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 or doctor
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Wash contaminated clothing before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

Fire

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion
In case of fire: Use water spray to extinguish

Precautionary Statements - Storage

Store locked up. Store separately

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

Toxic to aquatic life with long lasting effects

Unknown acute toxicity

See Section 11 for additional Toxicological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS**Mixture**

| Chemical Name | CAS No. | Weight-% |
|-------------------|-----------|-----------|
| Water | 7732-18-5 | 65.6-66.5 |
| Hydrogen peroxide | 7722-84-1 | 33.5-34.4 |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures****Inhalation**

Remove to fresh air. Administer oxygen if breathing is difficult. Call a physician immediately.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Skin contact

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. For severe burns, immediate medical attention is required. Wash contaminated clothing before reuse.

Ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Most important symptoms and effects, both acute and delayed**Symptoms**

See Section 11 for additional Toxicological Information.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Flood fire area with water from a distance.

Unsuitable extinguishing media

Do not use halogenated extinguishing agents.

Specific hazards arising from the chemical

Pressure burst may occur due to decomposition in confined spaces.

Hazardous combustion products

On decomposition product releases oxygen which may intensify fire. Supports combustion of organic matter and causes overpressure if confined.

Explosion data**Sensitivity to Mechanical Impact** None.**Sensitivity to Static Discharge** None.**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool containers with flooding quantities of water until well after fire is out.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Use personal protective equipment as required. Ensure adequate ventilation.

For emergency responders

Isolate area. Keep unnecessary personnel away.

Environmental precautions**Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas. See section 12 for additional ecological information.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dilute with large volume of water and collect into suitable clean container or dike area and hold until the product decomposes. Combustible materials exposed to hydrogen peroxide should be thoroughly rinsed to remove all hydrogen peroxide. Never return unused product to the original container. Following product recovery, flush area with water.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on safe handling**

Never return unused product to the original container. Ensure an adequate supply of water is available in the event of an accident. Combustible materials exposed to hydrogen peroxide should be thoroughly rinsed to remove all hydrogen peroxide. Use personal protection equipment. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Avoid breathing vapors or mists. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

| | |
|-------------------------------|---|
| Storage Conditions | Containers must be vented. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at a temperature not exceeding 115°F (46°C). Keep from freezing. Do not store drums on wooden pallets. Keep away from open flames, hot surfaces and sources of ignition. Store in accordance with local regulations. |
| Incompatible materials | Oxidizing or reducing agents. Caustics. Dirt. Organic material. Flammable substances. Contact with metals may evolve flammable hydrogen gas. May ignite combustibles (wood paper, oil, clothing, etc.). |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

| Chemical Name | Alberta | British Columbia | Ontario TWA | Quebec |
|--------------------------------|--|------------------|-------------|--|
| Hydrogen peroxide 7722-84-1 | TWA: 1 ppm TWA: 1.4 mg/m ³ | TWA: 1 ppm | TWA: 1 ppm | TWA: 1 ppm TWA: 1.4 mg/m ³ |

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---------------|----------------------------------|
| TWA | TWA (time-weighted average) |
| STEL | STEL (Short Term Exposure Limit) |
| Ceiling (CEV) | Maximum limit value |
| * | Skin designation |

Appropriate engineering controls

Engineering controls Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles. Face protection shield.

Skin and body protection If there is a risk of contact: Chemical resistant gloves, suit and boots.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing and wash it before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | |
|---------------------------------------|---------------------------|---|
| Physical state | Liquid | |
| Appearance | Aqueous solution | |
| Color | Clear, Colorless | |
| Odor | Pungent | |
| Odor threshold | No information available | |
| Property | Values | Remarks • Method |
| pH | 3 | ±1 @ 21°C |
| Melting point / freezing point | -33 °C / -27 °F | |
| Boiling point / boiling range | 108 °C / 226 °F | |
| Flash point | Not flammable | |
| Evaporation rate | > 1 | kPa @ 20 °C |
| Flammability (solid, gas) | No information available | |
| Flammability Limit in Air | | |
| Upper flammability limit: | No data available | |
| Lower flammability limit: | No data available | |
| Vapor pressure | 3.2 | kPa @ 20 °C |
| Vapor density | 1.0 | |
| Relative density | 1.130 g/cc | |
| Water solubility | Soluble in water | |
| Solubility in other solvents | No data available | |
| Partition coefficient | No data available | |
| Autoignition temperature | Not flammable | |
| Decomposition temperature | = 60°C (140°F) | self-accelerated decomposition temperature (SADT) with oxygen release |
| Kinematic viscosity | No information available | |
| Dynamic viscosity | No data available | |
| Explosive properties | No information available. | |
| Oxidizing properties | No information available. | |
| VOC Content (%) | 0.00% | |

10. STABILITY AND REACTIVITY

Reactivity No information available.

| | |
|---|---|
| Chemical stability | Stable under normal conditions. This product will gradually lose some of its oxidizing power over time. Elevated temperatures and contaminants can rapidly accelerate decomposition, possible leading to a hazardous condition. See section 7 for more information. |
| Possibility of Hazardous Reactions | None under normal processing. |
| Hazardous polymerization | Will not occur. |
| Conditions to avoid | Heat, flames and sparks. Extremes of temperature and direct sunlight. |
| Incompatible materials | Oxidizing or reducing agents. Caustics. Dirt. Organic material. Flammable substances. Contact with metals may evolve flammable hydrogen gas. May ignite combustibles (wood paper, oil, clothing, etc.). |
| Hazardous Decomposition Products | Oxygen which supports combustion. Decomposition releases steam and heat. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Inhalation | Inhalation of vapors in high concentration may cause irritation of respiratory system. Vapors may be irritating to eyes, nose, throat, and lungs. |
| Eye contact | Corrosive to the eyes and may cause severe damage including blindness. |
| Skin contact | Contact causes severe skin irritation and possible burns. |
| Ingestion | Ingestion causes burns of the upper digestive and respiratory tracts. Can burn mouth, throat, and stomach. |

Information on toxicological effects

Symptoms No information available.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------|----------------------|---|----------------------------------|
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |
| Hydrogen peroxide 7722-84-1 | = 1518 mg/kg (Rat) | = 2000 mg/kg (Rabbit) = 4060 mg/kg (Rat) | = 2 g/m ³ (Rat) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|---------------------------|
| Skin corrosion/irritation | No information available. |
| Serious eye damage/eye irritation | No information available. |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------------------|-------|---------|-----|------|
| Hydrogen peroxide 7722-84-1 | A3 | Group 3 | - | - |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 - "not classifiable as human carcinogens"

| | |
|---------------------------------|---------------------------|
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4,465.00

ATEmix (inhalation-dust/mist) 6.00

| | |
|-------------------------------|---|
| Unknown acute toxicity | 34 % of the mixture consists of ingredient(s) of unknown toxicity |
| | 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity |
| | 34 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity |
| | 34 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas) |
| | 34 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor) |
| | 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist) |

12. ECOLOGICAL INFORMATION

Ecotoxicity The environmental impact of this product has not been fully investigated.

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|--------------------------------|--|--|--|
| Hydrogen peroxide 7722-84-1 | 2.5: 72 h Chlorella vulgaris mg/L EC50 | 16.4: 96 h Pimephales promelas mg/L LC50 10.0-32.0: 96 h Oncorhynchus mykiss mg/L LC50 static 18-56: 96 h Lepomis macrochirus mg/L LC50 static | 18-32: 48 h Daphnia magna mg/L EC50 Static 7.7: 24 h Daphnia magna mg/L EC50 |

| | |
|--------------------------------------|---------------------------|
| Persistence and degradability | No information available. |
| Bioaccumulation | No information available. |
| Mobility | Soluble in water. |
| Other adverse effects | No information available. |

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|--|---|
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging | Empty containers must be triple rinsed prior to disposal. Dispose of in accordance with local regulations. |

14. TRANSPORT INFORMATION

TDG

| | |
|-----------------------------|---|
| UN/ID No. | 2014 |
| Proper shipping name | Hydrogen peroxide, aqueous solutions with 34% hydrogen peroxide |
| Hazard Class | 5.1 |
| Subsidiary class | 8 |
| Packing Group | II |

15. REGULATORY INFORMATION

Regulatory information

International Regulations

| | |
|---|----------------|
| Ozone-depleting substances (ODS) | Not applicable |
| Persistent Organic Pollutants | Not applicable |
| The Rotterdam Convention | Not applicable |

International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | |
|----------------------|-----------------------|
| Prepared By | Technical Department. |
| Issue Date | 02-Dec-2016 |
| Revision Date | 24-Feb-2023 |
| Version | 1 |
| Revision Note | Company name update. |

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The health hazards given on this SDS apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

End of Safety Data Sheet