

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
 Product name : **Peroxide Cleaner**
 Product code : GP107

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Hydrogen Peroxide Cleaner

1.3. Details of the supplier of the safety data sheet

Chemco Products Company
 19402 Susana Rd.
 Rancho Dominguez, CA 90221 - USA
 T 800-266-2116 - F 310-631-7496
<http://www.flo-kem.com>

1.4. Emergency telephone number

Emergency number : CHEMTEL: 800-255-3924

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS US classification

Skin Irrit. 2 H315
 Eye Dam. 1 H318

Full text of H and EUH statements: see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms :



GHS05

Signal word : Danger

Hazard statements : Causes skin irritation.
 Causes serious eye damage.

Precautionary statements : Wash hands and forearms thoroughly after handling.
 Wear eye protection, protective gloves.
 If on skin: Wash with plenty of water.
 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/physician.
 Specific treatment (see the emergency and first aid section of this Safety Data Sheet on this label).
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.

2.3. Hazard not otherwise classified (HNOC)

No additional information available.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable.

(NOTE: If component displays the * (asterisk) symbol, the following statement applies.)

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

Full text of H and EUH statements: see section 16

Peroxide Cleaner

Safety Data Sheet

3.2. Mixture

| Name | Product identifier | % | GHS US classification |
|------------------------|-----------------------|-------|---|
| hydrogen peroxide | (CAS-No.) 7722-84-1 | 1 - 5 | Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 |
| Proprietary ingredient | (CAS-No.) Proprietary | 1 - 5 | Eye Irrit. 2B, H320 |

(NOTE: If component displays the * (asterisk) symbol, the following statement applies.)

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice. |
| First-aid measures after skin contact | : If skin irritation or rash occurs: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation persists, get medical attention. |
| First-aid measures after eye contact | : 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/physician. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |

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

| | |
|-------------------------------------|---|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye damage. |
| Symptoms/effects after ingestion | : FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Irritation of the oral mucous membranes. |

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Extinguishing media for surrounding fires. Adapt extinguishing media to the environment. |
| Unsuitable extinguishing media | : No unsuitable extinguishing media known. |

5.2. Special hazards arising from the substance or mixture

| | |
|------------------|--|
| Fire hazard | : DIRECT FIRE HAZARD: Non combustible. |
| Explosion hazard | : DIRECT EXPLOSION HAZARD: No data available on direct explosion hazard. INDIRECT EXPLOSION HAZARD: No data available on indirect explosion hazard. |
| Reactivity | : Decomposes slowly on exposure to light: oxidation which increases fire hazard. This reaction is accelerated on exposure to temperature rise and on exposure to impurities. |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |
| Other information | : No additional information available. |

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. Protective gloves. |
| Emergency procedures | : Evacuate unnecessary personnel. |

6.1.2. For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area. |

Peroxide Cleaner

Safety Data Sheet

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply.

Methods for cleaning up : Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not breathe mist. Ensure good ventilation of the work station. Observe normal hygiene standards. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and forearms thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| hydrogen peroxide (7722-84-1) | | |
|-------------------------------|-------------------------------------|-----------------------|
| ACGIH | ACGIH TWA (ppm) | 1 ppm |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 1.4 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 1 ppm |

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Other information : Do not eat, drink or smoke during use.

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Clear

Odor : Citrus

Odor threshold : No data available

pH : 2.1 - 3.1

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : > 200 °F

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : No data available

Explosion limits : No data available

Peroxide Cleaner

Safety Data Sheet

| | |
|---------------------------------------|---------------------|
| Vapor pressure | : No data available |
| Vapor density | : No data available |
| Specific Gravity @ 77° F | : 1.010 - 1.030 |
| Solubility | : Water: Complete |
| Partition Coefficient n-Octanol-Water | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |

9.2. Other information

| | |
|-------------|------------------|
| VOC content | : 0 g/l CARB VOC |
|-------------|------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

Decomposes slowly on exposure to light: oxidation which increases fire hazard. This reaction is accelerated on exposure to temperature rise and on exposure to impurities.

10.2. Chemical stability

Unstable on exposure to light.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

Reducing agents. Organic solvents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|----------------|------------------|
| Acute toxicity | : Not classified |
|----------------|------------------|

| hydrogen peroxide (7722-84-1) | |
|-------------------------------|-----------------------|
| LD50 oral rat | 376 mg/kg |
| ATE US (oral) | 376 mg/kg body weight |
| ATE US (gases) | 4500 ppmV/4h |
| ATE US (vapors) | 11 mg/l/4h |
| ATE US (dust, mist) | 1.5 mg/l/4h |

| Proprietary ingredient (Proprietary) | |
|--------------------------------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Causes skin irritation. pH: 2.1 - 3.1 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 2.1 - 3.1 |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified Based on available data, the classification criteria are not met. |
| Carcinogenicity | : Not classified |

| hydrogen peroxide (7722-84-1) | |
|-------------------------------|----------------------|
| IARC group | 3 - Not classifiable |

| | |
|-----------------------|---|
| Reproductive toxicity | : Not classified Based on available data, the classification criteria are not met. |
| STOT-single exposure | : Not classified |

Peroxide Cleaner

Safety Data Sheet

| | |
|---|---|
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye damage. |
| Symptoms/effects after ingestion | : FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Irritation of the oral mucous membranes. |

SECTION 12: Ecological information

12.1. Toxicity

| Proprietary ingredient (Proprietary) | |
|--------------------------------------|--------------------|
| LC50 fish 1 | 70.1 mg/l 48 hours |
| EC50 Daphnia 1 | 5.3 mg/l 48 hours |

12.2. Persistence and degradability

| Proprietary ingredient (Proprietary) | |
|--------------------------------------|---|
| Persistence and degradability | Readily Biodegradable (>60%, 28 days, OECD 301D). |

12.3. Bioaccumulative potential

No additional information available.

12.4. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with Local, State, and Federal regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

14.1. UN Number

UN-No.(DOT) : Not Regulated
Other information : No supplementary information available.

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

This product or mixture is not known to 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.

| hydrogen peroxide (7722-84-1) | |
|--|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. | |
| SARA Section 311/312 Hazard Classes | Reactive hazard Immediate (acute) health hazard Delayed (chronic) health hazard |

15.2. International regulations

CANADA

EU-Regulations

No additional information available.

Peroxide Cleaner

Safety Data Sheet

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

15.3. US State regulations

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

SECTION 16: Other information

Abbreviations Legend:

| | |
|------|--|
| H271 | May cause fire or explosion; strong oxidizer |
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H320 | Causes eye irritation |
| H332 | Harmful if inhaled |

Disclaimer

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ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 632-7124

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