

SECTION 1: Product and company identification

Product name : Oxynator
Use of the substance/mixture : Drain maintainer
Product code : 114401
Company : Share Corporation
P.O. Box 245013
Milwaukee, WI 53224 - USA
T (414) 355-4000
Emergency number : Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

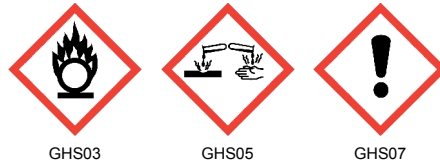
GHS-US classification

Ox. Liq. 1 H271
Acute Tox. 4 (Oral) H302
Skin Corr. 1C H314
Aquatic Acute 3 H402

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

May cause fire or explosion; strong oxidizer
Harmful if swallowed
Causes severe skin burns and eye damage
Harmful to aquatic life

Precautionary statements (GHS-US) :

Keep away from heat, hot surfaces, open flames. - No smoking
Keep/Store away from clothing, combustible materials
Take any precaution to avoid mixing with clothing, combustible materials
Do not breathe mist, spray, vapors
Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid release to the environment
Wear eye protection, face protection, protective clothing, protective gloves
Wear fire/flame resistant/retardant clothing
If swallowed: Call a doctor, a POISON CENTER if you feel unwell
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
If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes
Immediately call a doctor, a POISON CENTER
Specific treatment (see First aid measures on this label)
Rinse mouth
Wash contaminated clothing before reuse
In case of fire: Use alcohol resistant foam, carbon dioxide (CO2), dry extinguishing powder, Water spray to extinguish
In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion
Store locked up
Dispose of contents/container to an approved waste disposal plant

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

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
hydrogen peroxide, stabilized	(CAS No) 7722-84-1	12-17	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 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. If experiencing respiratory symptoms: Call a poison center or a doctor.
- 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. Drink plenty of water. Do NOT induce vomiting. Get immediate medical advice/attention.

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

- Symptoms/injuries : Causes severe skin burns and eye damage. Harmful if swallowed.
- Symptoms/injuries after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing). Corrosive to the respiratory tract.
- Symptoms/injuries after skin contact : Causes severe burns.
- Symptoms/injuries after eye contact : Causes serious eye damage.
- Symptoms/injuries after ingestion : Harmful if swallowed.

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 : Alcohol-resistant foam. Carbon dioxide. Dry chemical powder. Water spray.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : May cause fire or explosion; strong oxidizer. Contact with combustible material may cause fire.
- Explosion hazard : May cause fire or explosion; strong oxidizer.
- Reactivity : Thermal decomposition generates : oxygen gas. Steam.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water moderately and if possible collect or contain it. Use water spray or fog for cooling exposed containers.
- 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 : Gloves. Protective goggles. Protective clothing.
- Emergency procedures : Evacuate unnecessary personnel. 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 soil and water pollution.

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6.3. Methods and material for containment and cleaning up

- For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite. Keep in suitable, closed containers for disposal.
- Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation. Do not take up in combustible material such as: saw dust. Cover spill with non combustible material, e.g.: sand, earth, vermiculite or powdered limestone. Neutralize leftovers with powdered limestone/sodium bicarbonate.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Reacts violently with organic material.
- 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.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store locked up.
- Storage conditions : Keep container closed when not in use. Store in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Incompatible products : combustible materials. organic materials. Oxidisable materials.
- Incompatible materials : Heat sources. Open flame. Sources of ignition.
- Storage area : Store in a dry area. Store in a cool area. Store in a well-ventilated place.
- Special rules on packaging : meet the legal requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hydrogen peroxide, stabilized (7722-84-1)		
ACGIH	ACGIH TWA (ppm)	1 ppm
ACGIH	Remark (ACGIH)	Eye, URT, & skin irr
OSHA	OSHA PEL (TWA) (mg/m ³)	1.4 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1 ppm

8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Protective clothing. Face shield. Protective goggles.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Clear, colorless liquid.
- Odor : Pungent
- 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

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Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: May cause fire or explosion; strong oxidizer.
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.05 g/ml
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
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

Thermal decomposition generates : oxygen gas. Steam.

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

Incompatible materials.

10.5. Incompatible materials

metals. Organic materials. Permanganates. Strong oxidizing agents. reducing agents. Cyanides. Nitric acid.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed.

hydrogen peroxide, stabilized (7722-84-1)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
ATE CLP (oral)	500.000 mg/kg body weight
ATE CLP (gases)	4500.000 ppmV/4h
ATE CLP (vapors)	11.000 mg/l/4h
ATE CLP (dust, mist)	1.500 mg/l/4h

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

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

Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified.
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Inhalation may cause irritation (cough, short breathing, difficulty in breathing). Corrosive to the respiratory tract.
Symptoms/injuries after skin contact	: Causes severe burns.
Symptoms/injuries after eye contact	: Causes serious eye damage.

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Symptoms/injuries after ingestion : Harmful if swallowed.
Likely routes of exposure : Eyes;Ingestion;Inhalation;Dermal

SECTION 12: Ecological information

12.1. Toxicity

hydrogen peroxide, stabilized (7722-84-1)	
LC50 fish 1	16.4 mg/l (LC50; 96 h)
EC50 other aquatic organisms 1	2.5 mg/l (72 h; Chlorella vulgaris)
EC50 Daphnia 2	7.7 mg/l (EC50; 24 h)

12.2. Persistence and degradability

hydrogen peroxide, stabilized (7722-84-1)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the components available. Photolysis in the air.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

12.3. Bioaccumulative potential

hydrogen peroxide, stabilized (7722-84-1)	
Log Pow	-1.36
Bioaccumulative potential	Bioaccumulation: not applicable.

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)

Transport document description : UN2984 Hydrogen peroxide, aqueous solutions, 5.1, III
UN-No.(DOT) : UN2984
Proper Shipping Name (DOT) : Hydrogen peroxide, aqueous solutions
Class (DOT) : 5.1 - Class 5.1 - Oxidizer 49 CFR 173.128
Hazard labels (DOT) : 5.1 - Oxidizer



Packing group (DOT) : III - Minor Danger
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241
DOT Special Provisions (49 CFR 172.102) : A1,IB2,IP5,T4,TP1,TP6,TP24,TP37
DOT Packaging Exceptions (49 CFR 173.xxx) : 152
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 2.5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L
DOT Vessel Stowage Location : B
DOT Vessel Stowage Other : 25 - Shade from radiant heat,66 - Stow "separated from" flammable solids,75 - Stow "separated from" permanganates

Additional information

Emergency Response Guide (ERG) Number : 140
Other information : This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.152.

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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.

hydrogen peroxide, stabilized (7722-84-1)	
Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	1000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb

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

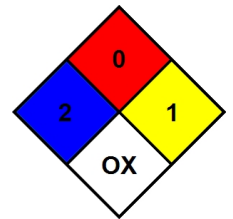
SECTION 16: Other information

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

Full text of H-phrases:

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
H335	May cause respiratory irritation
H402	Harmful to aquatic life

- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
- NFPA reactivity : 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.
- NFPA specific hazard : OX - Materials that posses oxidizing properties.



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.