

Safety Data Sheet

SECTION 1: Identification

1.1 GHS Product identifier

Product name **FabriChem #35 Oxygen Bleach**
Product number **FC35**
Brand **Crown Chemical, Inc.**

1.2 Other means of identification

FabriChem #35 Oxygen Bleach

1.3 Recommended use of the chemical and restrictions on use

Laundry bleaching

1.4 Supplier's details

Name **Crown Chemical, Inc.**
Address **4701 W. 136th. St.
Crestwood, Illinois 60418
U.S.A.**
Telephone **708-371-6990**
Fax **708-371-6992**
email **info@crown-chem.com**

1.5 Emergency phone number

800-535-5053

SECTION 2: Hazard identification

General hazard statement

Causes skin irritation; Causes serious eye irritation

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Oxidizing liquids, Cat. 2
- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 3

2.2 GHS label elements, including precautionary statements

Pictogram



1. Flame over circle; 2. Corrosion; 3. Exclamation mark

Signal word

Danger

Safety Data Sheet

FabriChem #35 Oxygen Bleach

Hazard statement(s)

H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H318	Causes serious eye damage
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects
H336	May cause drowsiness or dizziness

Precautionary statement(s)

P264	Wash hands & skin thoroughly after handling.
P280	Wear eye protection/face protection/protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water/Take off immediately contaminated clothing and wash it before reuse. Call a poison control center or doctor for treatment advice if irritation persists.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P321	Specific treatment (see details on label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P220	Keep/Store away from clothing/.../combustible materials.
P221	Take any precaution to avoid mixing with combustibles/...
P370+P378	In case of fire: Use ... to extinguish.
P501	Dispose of contents and container in accordance with all local, state, national and international regulations.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell.
P330	Rinse mouth.
P310	Immediately call a POISON CENTER/doctor for treatment advice.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

2.3 Other hazards which do not result in classification

None identified

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Irritant Mixture

Hazardous components

1. Hydrogen peroxide

Concentration	30 - 40% (By Weight)
CAS no.	7722-84-1

- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4
- Oxidizing liquids, Cat. 1
- Skin corrosion/irritation, Cat. 1A

Safety Data Sheet

FabriChem #35 Oxygen Bleach

H271	May cause fire or explosion; strong oxidizer
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled
SCLs/M-factors/ATEs	Ox. Liq. 1; H271: C ≥ 70 %**** Ox. Liq. 2; H272: 50 % ≤ C < 70 % **** * Skin Corr. 1A; H314: C ≥ 70 % Skin Corr. 1B; H314: 50 % ≤ C < 70 % Skin Irrit. 2; H315: 35 % ≤ C < 50 % Eye Dam. 1; H318: 8 % ≤ C < 50 % Eye Irrit. 2; H319: 5 % ≤ C < 8 % STOT SE 3; H335; C ≥ 35 %

Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities and/or actual concentrations for one or more components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Do not breathe dust or mists. Wear protective rubber gloves and chemical splash goggles or face shield when using this product. Mix ONLY with water. Wash thoroughly after handling.
If inhaled	Remove person to fresh air and keep comfortable for breathing. Call a Poison Control Center or doctor for treatment advice.
In case of skin contact	Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing and shoes before reuse. Call a Poison Control Center or doctor for treatment advice if irritation persists.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice.
If swallowed	Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor if you feel unwell.

4.2 Most important symptoms/effects, acute and delayed

See Section 11 for additional information.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat exposure symptomatically. In all cases of eye contact, or if large quantities have been ingested or inhaled, contact a doctor or Poison Control Center immediately.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, fog or foam.

5.2 Specific hazards arising from the chemical

None known

Safety Data Sheet

FabriChem #35 Oxygen Bleach

5.3 Special protective actions for fire-fighters

Remove all persons from the vicinity. No responsive action should be taken without proper training.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if you can do so without risk. Evacuate area of all unnecessary personal. Ventilate the area. Eliminate all ignition sources. Avoid generation of vapors. Avoid contact with cellulose, paper, sawdust or similar substances. Risk of self-ignition or promotion of fires. Combustible material exposed to hydrogen peroxide should be rinsed immediately with large amounts of water to ensure that all the hydrogen peroxide is removed. Contain and collect spillage with non-combustible absorbent material such as clean sand, earth, diatomaceous earth or non-acidic clay and place into suitable properly labeled containers for prompt disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Reference to other sections

Put on appropriate protective equipment (see Section 8).

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not taste or swallow. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or mist. Keep from contact with clothing and other combustible materials. Keep away from heat sparks and flames. Use only with adequate ventilation. Wash thoroughly after handling. Wear fire/flame resistant/retardant clothing. Prevent product contamination. Keep only in the original container. Store in tightly closed container. DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR THIS CONTAINER. Emptied container retains vapor and product residue. Observe all labelled safeguards until container is cleaned, reconditioned or destroyed. Avoid contamination.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Handle containers carefully to prevent damage and spillage. Store in tightly closed container. Store in cool, dry, well ventilated area away from sources of ignition such as flame, sparks and static electricity. Store out of direct sunlight in a cool, well ventilated place. Store in original container.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Hydrogen peroxide (CAS: 7722-84-1)

PEL (Inhalation): 1 ppm; USA (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1.4 mg/m³; USA (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1 ppm; USA (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 1 ppm; USA (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 1 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

Safety Data Sheet

FabriChem #35 Oxygen Bleach

8.2 Appropriate engineering controls

Use with adequate ventilation to maintain exposure limits below listed thresholds.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear chemical splash goggles or face shield when using this product.

Skin protection

Wear protective rubber gloves and a long sleeved shirt to prevent contact.

Body protection

Wash thoroughly after use and before eating, smoking, or using the bathroom. Avoid contamination of clothing or shoes, and wash any contaminated items before reuse. If possible, avoid wearing contact lenses when using this product.

Respiratory protection

If inhalable particles of dusts or mists may occur during use, wear NIOSH approved respiratory protection.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Appearance	Colorless Liquid
Odor	Characteristic
Odor threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	N/A
Flammability	N/A
Lower and upper explosion limit/flammability limit	No data available.
Flash point	Non-Combustible
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH (1% solution)	<10.0
Kinematic viscosity	No data available
Solubility	100% in 120°F Water
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	N/A
Evaporation rate	No data available.
Relative density (H ₂ O = 1.0)	>1.0
Relative vapor density (H ₂ O = 1.0)	>1.0

Further safety characteristics (supplemental)

No data available.

Safety Data Sheet

FabriChem #35 Oxygen Bleach

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is not reactive under normal storage and usage conditions. Mix this product ONLY with water.

10.2 Chemical stability

Product is stable under normal storage and usage conditions.

10.3 Possibility of hazardous reactions

NEVER mix this product with other chemicals. Mix this product ONLY with water.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Metals, organic materials, reducing agents, metallic oxides, dusts, combustible materials (e.g. wood, sawdust), alkaline materials.

10.6 Hazardous decomposition products

This material decomposes if contaminated, causing fire and possible explosions. Oxygen can be liberated at temperatures above ambient.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation

Skin corrosion/irritation

Skin contact may cause irritation or pain and redness.

Serious eye damage/irritation

Eye contact may cause irritation or pain, redness and watering.

Respiratory or skin sensitization

Inhalation may cause coughing, choking and respiratory tract irritation.

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Summary of evaluation of the CMR properties

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Safety Data Sheet

FabriChem #35 Oxygen Bleach

Aspiration hazard

Irritation to respiratory tract.

Additional information

No known significant effects or critical hazards.

SECTION 12: Ecological information

Toxicity

No specific data available for this mixture. Hydrogen Peroxide is known to be moderately toxic to aquatic life.

Persistence and degradability

No data

Bioaccumulative potential

No data

Mobility in soil

No data

Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Packaging disposal

Dispose of as unused product.

Other disposal recommendations

Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

SECTION 14: Transport information

DOT (US)

Non-Regulated Liquid

Note: Certain package sizes of this product may qualify for exceptions to DOT's packaging, labeling and other requirements, and thus may have different DOT shipping names. For bulk shipments, see the shipping documents.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Hydrogen peroxide, CAS number: 7722-84-1

Safety Data Sheet

FabriChem #35 Oxygen Bleach

Pennsylvania Right To Know Components

Hydrogen peroxide, CAS number: 7722-84-1

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:
Hydrogen peroxide CAS-Number: 7722-84-1

SARA 311/312 Hazards

Reactivity Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

Hydrogen peroxide, CAS number: 7722-84-1

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Crown Chemical, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Crown Chemical, Inc. has been advised of the possibility of such damages.