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## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

**PRODUCT NAME** LIQUID COLOR SAFE BLEACH

### OTHER MEANS OF IDENTIFICATION

**Product Number** V-LLCOLSAF

**Recommended Uses** Liquid Color Safe Bleach

### SDS-SUPPLIER INFORMATION

**SUPPLIER ADDRESS** E-ZOIL Products, Inc.  
**DBA Emulso**  
2750 Kenmore Avenue  
Tonawanda, NY 14150

### EMERGENCY TELEPHONE NUMBER

**COMPANY PHONE NUMBER** (716) 854-2889  
**COMPANY FAX NUMBER** (716) 854-2809  
**24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)**  
**NORTH AMERICA** 1-800-633-8253  
**INTERNATIONAL** PERS 1-801-629-0667

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Acute Toxicity – Oral	Category 4
Acute Toxicity – Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Corrosive to Metals	Category 3

**SIGNAL WORD** Warning

### HAZARD STATEMENTS



**HAZARD STATEMENTS**

1. Causes skin irritation
2. Causes serious eye damage
3. Suspected of causing cancer

**APPEARANCE** Transparent      **PHYSICAL STATE** Liquid

## PRECAUTIONARY STATEMENTS

<b>PREVENTION</b>	Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Wash face, hands and any exposed skin thoroughly after handling
<b>RESPONSE</b>	Immediately call poison center or doctor/ physician.
<b>IF SWALLOWED</b>	Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
<b>IF IN EYES</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
<b>IF ON SKIN/HAIR</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse.
<b>IF INHALED</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell.
<b>IF EXPOSED/CONCERNED</b>	Get medical advice/ attention.
<b>STORAGE</b>	Store locked-up. Keep away from children.
<b>DISPOSAL</b>	Dispose of contents/container to an approved waste disposal plant.
<b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b>	N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Hydrogen Peroxide	7722-84-1	40 - 60

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL ADVICE</b>	Provide this SDS to medical personnel for treatment.
<b>EYE CONTACT</b>	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.
<b>SKIN CONTACT</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.



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**INHALATION** Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.

**INGESTION** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required.

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### POTENTIAL ACUTE HEALTH EFFECTS

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

**SYMPTOMS** Causes severe skin burns and eye damage.

**NOTES TO PHYSICIAN** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**UNSUITABLE EXTINGUISHING MEDIA** Use of water spray when fighting fire may be inefficient.

### SPECIFIC HAZARDS ARISING FROM CHEMICAL

Oxidizing agent. Contact with flammable liquids or vapors may cause immediate fire or explosion, especially if heated, or it may result in delayed explosion. Decomposition will release oxygen, which will increase the explosive limits and burning rate of flammable vapors.

### PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**PERSONAL PRECAUTIONS** Use personal protective equipment as required.  
**ENVIRONMENTAL PRECAUTIONS** See Section 12 for additional Ecological Information.

### METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

**CONTAMINATION** Prevent further leakage or spillage is safe to do so  
**CLEAN-UP** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING



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### PROTECTIVE MEASURES

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

### CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

#### STORAGE CONDITIONS

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

#### INCOMPATIBLE MATERIALS

Reducing agents, combustible materials, organic materials, metals, cyanides, acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m3	IDLH: 75 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3

**ENGINEERING CONTROLS:** Apply technical measures to comply with the occupational exposure limits.

### INDIVIDUAL PROTECTION MEASURES

<b>EYE/FACE PROTECTION</b>	Refer to 29 CFR 1910.133 for eye and face protection regulations.
<b>SKIN/BODY PROTECTION</b>	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
<b>RESPIRATORY PROTECTION</b>	Refer to 29 CFR 1910.134 for respiratory protection requirements.
<b>GENERAL HYGIENE</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Liquid
<b>APPEARANCE</b>	Transparent
<b>COLOR</b>	Colorless
<b>ODOR</b>	Citrus
<b>ODOR THRESHOLD</b>	Not determined
<b>pH</b>	2.25
<b>MELTING POINT/FREEZING POINT</b>	Not determined
<b>BOILING POINT/BOILING RANGE</b>	100°C / 212°F
<b>FLASH POINT</b>	Not determined
<b>EVAPORATION RATE</b>	>1
<b>FLAMMABILITY (SOLID, GAS)</b>	Not determined
<b>UPPER FLAMMABILITY LIMITS</b>	Not determined
<b>LOWER FLAMMABILITY LIMITS</b>	Not determined
<b>VAPOR PRESSURE</b>	17
<b>SPECIFIC GRAVITY</b>	.62
<b>RELATIVE DENSITY</b>	1.02
<b>WATER SOLUBILITY</b>	Not determined
<b>PARTITION COEFFICIENT</b>	Not determined
<b>N-OCTANOL/ WATER</b>	Not determined
<b>AUTO-IGNITION TEMPERATURE</b>	Not determined
<b>DECOMPOSITION TEMPERATURE</b>	Not determined

**VISCOSITY** Not determined  
**OXIDIZING PPROPERTIES** These substances will accelerate burning when involved in a fire.

## 10. STABILITY AND REACTIVITY

**REACTIVITY** Not reactive under normal conditions  
**CHEMICAL STABILITY** Stable under recommended storage conditions  
**POSSIBILITY OF HAZARDOUS REACTIONS** None under normal processing  
**CONDITIONS TO AVOID** Keep out of reach of children. Extremes of temperature and direct sunlight.  
**INCOMPATIBLE MATERIALS** Reducing agents, combustible materials, organic materials, metals, cyanides, acids  
**HAZARDOUS DECOMPOSITION PRODUCTS** Releases oxygen gas, which in a confined space will increase explosive limits.

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

**EYE CONTACT** Causes severe eye damage.  
**SKIN CONTACT** Avoid contact with skin.  
**INHALATION** Avoid breathing vapors or mists.  
**INGESTION** May be harmful if swallowed.

### COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Hydrogen Peroxide 7722-84-1	= 801 mL/kg ( Rat )	= 2000 mg/kg ( Rabbit ) = 4060 mg/kg ( Rat )	= 2 g/m3 ( Rat ) 4 h

**SYMPTOMS** Please see section 4 of this SDS for symptoms.

**CARCINOGENICITY** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### NUMERICAL MEASURES OF TOXICITY-PRODUCT

**Unknown Acute Toxicity** 93.2% of the mixture consists of ingredient(s) of unknown toxicity.

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

**ATEmix (oral)** 908 mg/kg  
**ATEmix (dermal)** 2267 mg/kg  
**ATEmix (inhalation-dust/mist)** 2 mg/l

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY** Harmful to aquatic life with long lasting effects.  
Harmful to aquatic life.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	TOXIC TO MICROORGANISMS	CRUSTACEA
Hydrogen Peroxide <b>7722-84-1</b>	2.5: 72 h Chlorella vulgaris mg/L EC50	16.4: 96 h Pimephales promelas mg/L LC50 18-56: 96 h Lepomis macrochirus mg/L LC50 Static 10.0-32.0: 96 h Oncorhynchus mykiss 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** Not determined  
**BIOACCUMULATION** Not determined  
**OTHER ADVERSE EFFECTS** Not determined

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

**WASTE DISPOSAL** Disposal should be in accordance with applicable regional, national and local laws and regulations.  
**CONTAMINATED PACKAGING** Disposal should be in accordance with applicable regional, national and local laws and regulations.

### CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

	Toxic
Hydrogen Peroxide	Corrosive
<b>7722-84-1</b>	Ignitable
	Reactive

## 14. TRANSPORT INFORMATION

### DOT

Not regulated

### IATA

Not regulated

### IMDG

Not regulated

## 15. REGULATORY INFORMATION



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## INTERNATIONAL INVENTORIES

Not determined

### LEGEND

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(B) Inventory
<b>DSL/NDSL</b>	Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing/Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances
<b>IECSC</b>	China Inventory of Existing Chemical Substances
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances

## U.S. FEDERAL REGULATIONS

### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrogen Peroxide 7722-84-1	-	1000 lb	-

### SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### CLEAN WATER ACT (CWA)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## U.S. STATE REGULATIONS

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Hydrogen Peroxide 7722-84-1	X	X	X

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>INSTABILITY</b>	<b>SPECIAL HAZARDS</b>
	2	Not determined	Not determined	OX
<b>HMIS</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>PHYSICAL HAZARDS</b>	<b>PERSONAL PROTECTION</b>
	2	Not determined	Not determined	X

## DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge 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 information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**END OF SAFETY DATA SHEET**