

Safety Data Sheet

Super H2O2 Concentrate

SECTION 1- IDENTIFICATION

Product Identifier:	Super H2O2 Concentrate
Product Form:	Mixture
CAS Number:	N/A
INCI Name:	N/A
Intended Use of the Product:	
Company Name:	Lubriformance LLC
Company Address:	2021 Reserve Dr.; Canton, TX. 75103
Phone Number:	(P) 903-567-7236
Emergency Phone Number:	903-567-7236

SECTION 2 – HAZARDOUS IDENTIFICATION

CLASSIFICATION OF THE MIXTURE GHS CLASSIFICATION

Serious Eye Damage/Irritation	Category 1
Skin Corrosion/Irritation	Category 2
Acute Toxicity (Oral)	Category 4
Oxidizing Liquid	Category 3

LABEL ELEMENTS GHS LABELING



HAZARD PICTOGRAMS:

SIGNAL WORD

HAZARD STATEMENTS

Warning	
H272	May intensify fire; Oxidizer
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage

PRECAUTIONARY STATEMENTS

P102	Keep out of reach of children
P103	Read label before use
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep away from clothing and other combustible materials
P264	Wash thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P280	Wear protective gloves/eye protection

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P305+P310
P305+P351+P338

P301+P310
P302+P340
P332+P313

P501

IF IN EYES: Immediately call a doctor
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
IF SWALLOWED: Call a doctor if you feel unwell
IF ON SKIN: Wash with plenty of water
If skin irritation occurs: Get medical advice/attention
Dispose of contents/container in accordance with local/regional/national/international regulation

OTHER HAZARDS

No additional information available

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

Based on the health hazard determination of contained ingredients present, this mixture presents the following health hazard(s):

HAZARDOUS COMPONENTS	CAS No.	%	GHS Classification
Hydrogen Peroxide	7722-84-1	5-10	Oxidizing Liquid-Category 2 Acute Toxicity, Oral-Category 4 Skin Corrosion/Irritation-Category 1A Serious Eye Damage/Eye Irritation-Category 1 Specific Target Organ Toxicity, Single Exposure-Category 3, Respiratory Tract Irritation Specific Target Organ Toxicity, Repeated Exposure-Category 2
Amines, C10-C16-alkyldimethyl, N-oxides	70592-80-2	1-5	Eye Irritation-Category 2A Skin Irritation-Category 2 Acute Toxic-Category 4
Proprietary	Proprietary	3-8	Skin Corrosion-Category 2 Serious Eye Damage/Eye Irritation-Category 2

SECTION 4 – FIRST AID MEASURES

Description of Necessary First-Aid Measures

Inhalation: If respiratory irritation occurs, remove individual to fresh air. If irritation persists, consult a physician.

Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

Eye Contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Rinse mouth. Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 – FIREFIGHTING MEASURES

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Flammable Properties:

In closed unventilated containers, risk of rupture due to the increased pressure from decomposition. Contact with combustible material may cause fire

Extinguishing Media

Suitable Extinguishing Media:

Water. Do not use any other substance.

Special Firefighting Procedures:

Do not release runoff from fire control methods to sewers or waterways

Advice for Firefighters

Use water spray to cool fire exposed surfaces and protect personnel. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazardous Decomposition Products:

On decomposition product releases oxygen which may intensify fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Isolate and post spill area. Keep people away from and upwind of spill/leak. Eliminate all sources of ignition and remove combustible materials. Combustible materials exposed to hydrogen peroxide should be immediately submerged in or rinsed with large amounts of water to ensure that all hydrogen peroxide is removed. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in fire.

Methods for Cleaning or Taking Up

SMALL SPILLS: Dilute with large quantities of water. Keep material out of drains, water courses and confined areas.

LARGE SPILLS: Dike to collect large liquid spills. Stop leak and contain spill if this can be done safely. Eliminate all sources of ignition. Keep material out of drains, water courses and confined areas. Dispose of in accordance with general and local government regulations.

SECTION 7 – HANDLING AND STORAGE

Usage and Storage Precautions:

Keep/Store away from clothing/ combustible materials. Wear personal protective equipment. Wash thoroughly after handling this product. Use good hygiene practices. Store in original container. Keep container closed. Store in a cool, dry location. Avoid incompatible materials.

Other Precaution:

None

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ventilation:

Use with adequate ventilation

Respiration Protection:

None required, when used with adequate ventilation

Protective Gloves:

For hand protection, wear approved gloves made of nitrile, PVC, or neoprene.

Personal Protective Equipment:

Use chemical splash-type monogoggles and a full-face shield made of polycarbonate, acetate, polycarbonate/acetate, PETG or thermoplastic.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:

Liquid

Color:

Clear

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Odor: Odorless
Odor Threshold: no data available

Safety Data

pH: 5.5 – 6.5
Melting Point/Range: no data available
Boiling Point/ Range: no data available
Flash Point: no data available
Flammability (solid, gas): no data available
Auto-ignition Temperature: no data available
Water Solubility: soluble
Solubility in other Solvents: no data available
Partition Coefficient: noctanol/water: no data available
Vapor Pressure: no data available

Evaporation rate: no data available
Relative Vapor Density: no data available
Specific Gravity @ 25°C: 1.00
Oxidation/ Reduction Potential: no data available
Viscosity, dynamic: Water Thin
Viscosity, kinematic: no data available
Explosive Properties: no data available
Thermal Decomposition: no data available
Lower Explosion Limit: no data available
Upper Explosion Limit: no data available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Decomposes on heating. Stable under recommended storage conditions.

Incompatibility (Materials to Avoid): Combustible materials. Copper alloys, galvanized iron. Strong reducing agents. Heavy metals. Iron. Copper alloys. Contact with metals, metallic ions, alkalis, reducing agents and organic matter (such as alcohols or terpenes) may produce self-accelerated thermal decomposition.

Hazardous Decomposition Products: Oxygen which supports combustion. Liable to produce overpressure in container

Hazardous Polymerization: Will not occur

Conditions to Avoid: Excessive heat; Contamination; Exposure to UV-rays; pH variations

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity

Acute Oral Toxicity: no data available
Acute Inhalation Toxicity: no data available
Acute Dermal Toxicity: no data available
Other Routes of Administration: no data available
Aspiration Toxicity: no data available

Skin Corrosion/ Irritation

Skin Irritation: Moderate irritant

Serious Eye Damage/ Eye Irritation

Eye Irritation: Risk of serious damage to eyes.

Ingestion

Swallowing can result in nausea, vomiting, diarrhea and abdominal pain.

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Respiratory or Skin Sensitization

Sensitization: no data available

Repeated Dose Toxicity

Repeated Dose Toxicity: no data available

STOT

STOT – single exposure: no data available

STOT – repeated exposure: no data available

Carcinogenicity

Carcinogenicity: no data available

Mutagenicity

Genotoxicity in vitro: no data available

Genotoxicity in vivo: no data available

Reproductive Toxicity

Reproductive Toxicity: no data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity Assessment:

Ecotoxicity Assessment: no data available

Persistence and Degradability

Biodegradability: no data available

Bioaccumulation

Bioconcentration Factor (BCF): no data available

Other Adverse Effects

Environment Assessment: no data available

SECTION 13 – DISPOSAL CONSIDERATION

Product Disposal

Advice on Disposal: For industrial release, do not release into sewers, on the ground or into any body of water. All disposal methods must be in compliance with all national, provincial and local laws and regulations. Disposal, characterization and compliance with applicable laws are the responsibility solely of the waste generator. Regulations and laws may vary in different locations.

SECTION 14 – TRANSPORTATION INFORMATION

UN NUMBER: 2984





UN PROPER SHIPPING NAME:

DOT(US)(GND)	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
ADR(EU)	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
IATA	HYDROGEN PEROXIDE, AQUEOUS SOLUTION, MARINE POLLUTANT
IMDG	HYDROGEN PEROXIDE, AQUEOUS SOLUTION, MARINE POLLUTANT

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HAZARD LABELS:

DOT(US)	
ADR(EU)	
IATA	
IMDG	

LIMITED QUANTITY:	Yes
PACKING GROUP:	III
EMERGENCY RESPONSE GUIDE NUMBER:	N/A
HAZCHEM CODE:	N/A

SECTION 15 – REGULATORY INFORMATION

TSCA:	Not Regulated
California Proposition 65:	Not Applicable
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): 311/312 HAZARD CATEGORIES:	Not Applicable
U.S. SARA REPORTING REQUIREMENTS:	Not Applicable
WHMIS Classification (Canada):	C - Oxidizing materials D2B - Toxic materials

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE EU REGULATIONS:

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I	Not listed.
Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II	Not listed.
Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I	Not listed.

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Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V Not listed.

Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (EPER) Not listed.

Regulation (EC) No. 1907/2006, Article 59(1). Candidate List Not listed.

Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations

N/A

Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16 – OTHER INFORMATION

The information provided in this Safety Data Sheet is accurate to the best of Lubriformance LLC's knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that the proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.