

SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (Hazard Communication Standard)

IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, and users of this product.

1. Identification

1.1. Product identifier

Product Identity **Oxy Rejuve**

Alternate Names

Product Code

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

Application Method See Label Instructions

1.3. Details of the supplier of the safety data sheet

Company Name United Formulas
601 6th St SW Unit 5
Great Falls, MT 59404

Emergency

24 hour Emergency Telephone No. Infotrac: 1 800-535-5053
Emergency: (406) 727-4144

Customer Service: United Formulas

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Ox. Liq 2; H272 May intensify fire; oxidizer

Skin Irrit. 1B; H314 Causes severe skin burns and eye damage

Eye Dam. 1; H318 Causes serious eye damage

STOT SE 3; H333 May be harmful if inhaled.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H272 May intensify fire; oxidizer

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage
H333 May be harmful if inhaled.

[Prevention]:

P220 Keep/Store away from clothing/combustible materials.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

[Response]:

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363: Wash contaminated clothing before reuse.
P310 Immediately call a POISON CENTER or doctor/physician.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Hydrogen peroxide solution CAS Number: 7722-84-1	10-25	Ox. Liq. 1, H271 Skin Corr. 1A, H314 Acute Tox. 4, H301 Acute Tox. 4, H332	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	In case of unconsciousness place patient stably in side position for transportation
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Immediately wash with water and soap and rinse thoroughly.
Ingestion Dilute by giving large quantities of water, and Immediately call for medical attention.

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

Overview Inhalation: Mists may cause irritation or inflammation of respiratory tract
Skin Contact: May cause irritation or burning of tissues, with whitening of skin on contact.
Eye Contact: Causes severe tissue damage, possible leading to blindness.
Ingestion: Causes severe burning and tissue damage, may cause sudden formation of oxygen which can cause injury by distention of the esophagus or stomach with local internal bleeding.
Signs and Symptoms of Exposure: Burning and irritation in all areas of exposure.
See section 2 for further details.

Eyes Causes serious eye damage.
Skin Causes irritation or burning of tissues.
Ingestion May be harmful if swallowed. (Not adopted by US OSHA)

5. Fire-fighting measures

5.1. Extinguishing media

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for fire-fighters

No special measures required.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Dispose of in accordance with local, state and federal regulations.

7. Handling and storage

7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Keep containers closed when not in use.

Incompatible materials: Reducing agents, and combustible or organic materials.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

Oxygen based laundry bleaching agent.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
7722-84-1	Hydrogen peroxide solution.	OSHA	1 ppm, 1.4mg/m3
		ACGIH	1 ppm, 1.4 mg/m3
		NIOSH	1 ppm, 1.4 mg/m3
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
7722-84-1	Hydrogen peroxide solution.	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;

8.2. Exposure controls

Respiratory	In case of brief or low exposure level use respiratory filter device
Eyes	Use tightly sealed goggles. Avoid contact with the eyes and skin.
Skin	Avoid contact with the skin. Wear overalls to keep skin contact to a minimum. Wear gloves impermeable and resistant to the product.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Clear, Liquid
Odor	Odorless
Odor threshold	Not Measured
pH	3 - 4
Melting point / freezing point	Not applicable
Initial boiling point and boiling range	210 - 240 °F

Flash Point	Non-flammable
Evaporation rate (Ether = 1)	Not available
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not applicable Upper Explosive Limit: Not applicable
Vapor pressure (Pa)	23 hPa (17mm Hg)
Vapor Density	Not available
Specific Gravity	1.06g/cc
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity (cSt)	Not available
VOC Content	0.0%

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances. Unstable with heat, may result in dangerous pressures. A strong oxidizer, reacts violently upon contact with many organic substances, particularly textile and paper. Avoid light and keep in a closed but vented container to prevent evaporation (concentration) and contamination.

10.3. Possibility of hazardous reactions

See above statement in 10.2

10.4. Conditions to avoid

Excessive heat, light, incompatibles, and contact with combustible or organic materials.

10.5. Incompatible materials

Reducing agents, and combustible or organic materials.

10.6. Hazardous decomposition products

Decomposes to Water and Oxygen with rapid heat release. Use vented containers. The solution can decompose violently upon heating.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Hydrogen peroxide solution- (7722-84-1)	1518.00, Rat - Category: 5	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	5	May be harmful if swallowed. (Not adopted by US OSHA)
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Hydrogen peroxide solution- (7722-84-1)	16.4mg/L	Daphnia: 2.4mg/L	2.5mg/L (72 hr)

12.2. Persistence and degradability

Expected to be readily biodegradable

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN2984	UN2984	UN2984
14.2. UN proper shipping name	UN2984, Hydrogen Peroxide aqueous solution between 8% and 20% Hydrogen Peroxide, 5.1, III	UN2984, Hydrogen Peroxide aqueous solution between 8% and 20% Hydrogen Peroxide, 5.1, 8	UN2984, Hydrogen Peroxide aqueous solution between 8% and 20% Hydrogen Peroxide, 5.1, 8
14.3. Transport hazard class(es)	DOT Hazard Class: 5.1	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	III		III

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

No further information

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	C D2B E
US EPA Tier II Hazards	<p>Fire: No</p> <p>Sudden Release of Pressure: No</p> <p>Reactive: Yes</p> <p>Immediate (Acute): Yes</p> <p>Delayed (Chronic): No</p>

EPCRA 311/312 Chemicals and RQs (lbs):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Pennsylvania RTK Substances (>1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H271 May cause fire or explosion; strong oxidizer

H314 Causes severe skin burns and eye damage

H301 Toxic if swallowed

H332 Harmful if inhaled

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The information herein is presented in good faith and believed to be correct as of the date hereof. However, United Formulas makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature with respect to the product or the information herein is made hereunder. United Formulas shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

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