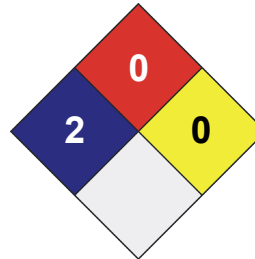


1. Product and Company Identification

Product name Pro Neutra-Sul
CAS # Mixture
Product use Water treatment
Manufacturer Pro Products LLC
 7201 Engle Road
 Fort Wayne, IN 46804-5875 US
 Phone 260-483-2519
 Emergency Phone: 1-800-424-9300 (CHEMTREC)

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 2
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	X



2. Hazards Identification

Emergency overview WARNING
 CAUSES EYE IRRITATION. CAUSES SKIN IRRITATION.

Potential short term health effects

- Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.
- Eyes** Causes irritation.
- Skin** Causes irritation.
- Inhalation** May cause respiratory tract irritation.
- Ingestion** May cause stomach distress, nausea or vomiting.

Target organs Eyes. Respiratory system. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

OSHA regulatory status This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects See section 12.

3. Composition/Information on Ingredients

Components	CAS #	Percent
Hydrogen peroxide	7722-84-1	5 - 10

4. First Aid Measures

First aid procedures

- Eye contact** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.
- Skin contact** Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists.
- Inhalation** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
- Ingestion** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

Notes to physician Symptoms may be delayed.

General advice If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties Not flammable by WHMIS/OSHA criteria.

Extinguishing media

Suitable extinguishing media Water spray. Fog.

Unsuitable extinguishing media Not available

Protection of firefighters

Specific hazards arising from the chemical Decomposition releases oxygen which may intensify fire.

Protective equipment and precautions for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products May include and are not limited to: Oxygen.

Explosion data

Sensitivity to mechanical impact Not available.

Sensitivity to static discharge Not available.

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods for containment Stop leak if you can do so without risk.

Methods for cleaning up Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

Handling Use good industrial hygiene practices in handling this material.
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.

Storage Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls/Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Hydrogen peroxide (CAS 7722-84-1)	TWA	1 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Hydrogen peroxide (CAS 7722-84-1)	PEL	1.4 mg/m3
		1 ppm

Exposure limits See above

Engineering controls General ventilation normally adequate.

Personal protective equipment

Eye / face protection Wear safety glasses with side shields.

Hand protection	Rubber gloves. Confirm with a reputable supplier first.
Skin and body protection	As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Clear
Color	Colorless
Form	Liquid
Odor	Slightly sharp
Odor threshold	Not available.
Physical state	Liquid.
pH	1.5 - 2.5
Freezing point	Not available.
Boiling point	Not available.
Pour point	Not available.
Evaporation rate	Not available
Flash point	Not available.
Auto-ignition temperature	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	1.01 - 1.03
Partition coefficient (n-octanol/water)	Not available.
Solubility (water)	Not available.
Relative density	Not available.
Viscosity	Not available.
VOC	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	Reacts vigorously with incompatible materials liberating oxygen and heat.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	High temperatures. Do not mix with other chemicals.
Incompatible materials	Reducing agents. Organic materials. Combustible materials. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxygen.

11. Toxicological Information

Toxicological data		
Components	Species	Test Results
Hydrogen peroxide (CAS 7722-84-1)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg

Components	Species	Test Results
	Rat	2000 mg/kg
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Mouse	2000 mg/kg
	Rat	75 mg/kg

Effects of acute exposure

Eye contact	Causes irritation.
Skin contact	Causes irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitization	Non-hazardous by WHMIS/OSHA criteria.
Chronic effects	Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity	See below.

ACGIH Carcinogens

Hydrogen peroxide (CAS 7722-84-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.
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IARC Monographs. Overall Evaluation of Carcinogenicity

Hydrogen peroxide (CAS 7722-84-1)	Volume 36, Supplement 7, Volume 71 - 3 Not classifiable as to carcinogenicity to humans.
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Mutagenicity	Non-hazardous by WHMIS/OSHA criteria.
Reproductive effects	Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity	Non-hazardous by WHMIS/OSHA criteria.
Name of Toxicologically Synergistic Products	Not available.

12. Ecological Information

Ecotoxicity	See below
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Ecotoxicological data

Components	Species	Test Results
Hydrogen peroxide (CAS 7722-84-1)		
Algae	IC50	Algae 2.5 mg/L, 72 Hours
Crustacea	EC50	Daphnia 7.7 mg/L, 48 Hours

Persistence and degradability	Not available.
Bioaccumulation / Accumulation	Not available
Mobility in environmental media	Not available.
Environmental effects	Not available.
Aquatic toxicity	Not available.
Partition coefficient	Not available.
Chemical fate information	Not available.

13. Disposal Considerations

Disposal instructions	Review federal, state/provincial, and local government requirements prior to disposal.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada WHMIS Ingredient Disclosure: Threshold limits

Hydrogen peroxide (CAS 7722-84-1) 1 %

WHMIS status Controlled

WHMIS classification Class D - Division 2B

WHMIS labeling



Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 Yes
hazardous chemical

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Spill: Reportable quantity

Hydrogen peroxide (CAS 7722-84-1) 1000 LBS

US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Substance: Threshold Planning Quantity

Hydrogen peroxide (CAS 7722-84-1) 1000 LBS

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

US CAA Section 612 SNAP Program: Listed substance

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

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - Yes

State regulations

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

US - California Hazardous Substances (Director's): Listed substance

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

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US - Illinois Chemical Safety Act: Listed substance

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

US - Minnesota Haz Subs: Listed substance

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

US - New Jersey RTK - Substances: Listed substance

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

US - New York Release Reporting: Hazardous Substances: Listed substance

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

US - Texas Effects Screening Levels: Listed substance

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

US. Massachusetts RTK - Substance List

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

US. Pennsylvania RTK - Hazardous Substances

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

US. Rhode Island RTK

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

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer	The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.
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Prepared by	Dell Tech Laboratories, Ltd. Phone: (519) 858-5021
Other information	For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document. This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard. Redbook revision # 1, 07/31/09