# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **Pro Neutra-Sul**

**Other means of identification** Not available.

**Recommended use** Water treatment

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** Pro Products LLC

**Address** 6714 Pointe Inverness Way
Suite 200
Fort Wayne
IN
46804-7935
United States

**Telephone** 260-483-2519

**E-mail** Not available.

**Emergency phone number** 1-800-424-9300 (CHEMTREC)

**Supplier** See above.

## 2. Hazard identification

**Physical hazards** Not classified.

**Health hazards** Serious eye damage/eye irritation Category 2

**Environmental hazards** Not classified.

**WHMIS 2015 defined hazards** Not classified

**Label elements**

**Signal word** Warning

**Hazard statement** Causes serious eye irritation.

**Precautionary statement**

**Prevention** Wear protective gloves and eye protection. Wash hands thoroughly after handling.

**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of container in accordance with local, regional, national and international regulations.

**WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)** None known

**WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)** None known

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/Information on ingredients

**Mixture**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| Hydrogen peroxide | | 7722-84-1 | 3-7* |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

| | |
|---|---|
| **Composition comments** | US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.<br>*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret. |

## 4. First-aid measures

| | |
|---|---|
| **Inhalation** | If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention. |
| **Skin contact** | Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists. |
| **Eye contact** | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. |
| **Ingestion** | Rinse mouth. Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention. |
| **Most important symptoms/effects, acute and delayed** | Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
| **Indication of immediate medical attention and special treatment needed** | Provide general supportive measures and treat symptomatically. |
| **General information** | 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. Wear suitable protective clothing. Show this safety data sheet to the doctor in attendance. Do not inhale vapours. Avoid contact with eyes and skin. Keep out of reach of children. |

## 5. Fire-fighting measures

| | |
|---|---|
| **Suitable extinguishing media** | Water. Fog. |
| **Unsuitable extinguishing media** | Carbon dioxide. |
| **Specific hazards arising from the chemical** | Firefighters should wear a self-contained breathing apparatus. |
| **Special protective equipment and precautions for firefighters** | Firefighters should wear full protective clothing including self-contained breathing apparatus. |
| **Fire-fighting equipment/instructions** | Move containers from fire area if you can do so without risk. |
| **Specific methods** | Use standard firefighting procedures and consider the hazards of other involved materials. |
| **General fire hazards** | No unusual fire or explosion hazards noted. |
| **Hazardous combustion products** | Decomposition releases oxygen which may intensify fire. |

## 6. Accidental release measures

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| **Methods and materials for containment and cleaning up** | Stop leak if you can do so without risk. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.<br><br>Large Spills: Keep combustibles (wood, paper, oil, etc.) away from spilled material. Clean up spills immediately, observing precautions in Protective Equipment section. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labelled containers. Flush area with water to remove trace residue.<br><br>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent entry into waterways, sewers, basements or confined areas. |
| **Environmental precautions** | Do not discharge into lakes, streams, ponds or public waters. |

## 7. Handling and storage

| | |
|---|---|
| **Precautions for safe handling** | Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. |

**Conditions for safe storage, including any incompatibilities**

Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. Store in original tightly closed container. Do not store near combustible materials. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

## 8. Exposure controls/Personal protection

**Occupational exposure limits**

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

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

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

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

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

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

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

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

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

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

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)**

| Components | Type | Value |
|---|---|---|
| Hydrogen peroxide (CAS 7722-84-1) | 15 minute | 2 ppm |
| | 8 hour | 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 |

**US. ACGIH Threshold Limit Values**

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

**US. NIOSH: Pocket Guide to Chemical Hazards**

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

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** See above

**Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Impervious gloves. Confirm with reputable supplier first.

| | |
|---|---|
| **Other** | Wear suitable protective clothing. As required by employer code. |
| **Respiratory protection** | Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).<br>Do not use any form of air-purifying respirator (APR), especially those containing oxidizable sorbents such as activated carbon. |
| **Thermal hazards** | Not applicable. |
| **General hygiene considerations** | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using do not eat or drink. |

## 9. Physical and chemical properties

| | |
|---|---|
| **Appearance** | Clear |
| **Physical state** | Liquid. |
| **Form** | Liquid |
| **Color** | Colorless |
| **Odor** | Slightly sharp |
| **Odor threshold** | Not available. |
| **pH** | 1.5 - 2.5 |
| **Melting point/freezing point** | Not available. |
| **Initial boiling point and boiling range** | Not available. |
| **Pour point** | Not available. |
| **Specific gravity** | Not available. |
| **Partition coefficient (n-octanol/water)** | Not available. |
| **Flash point** | Not available. |
| **Evaporation rate** | Not available. |
| **Flammability (solid, gas)** | Not applicable. |
| **Upper/lower flammability or explosive limits** | |
| **Flammability limit - lower (%)** | Not available. |
| **Flammability limit - upper (%)** | Not available. |
| **Explosive limit - lower (%)** | Not available. |
| **Explosive limit - upper (%)** | Not available. |
| **Vapor pressure** | Not available. |
| **Vapor density** | Not available. |
| **Relative density** | 1.0112 - 1.0312 |
| **Solubility(ies)** | Not available. |
| **Auto-ignition temperature** | Not available. |
| **Decomposition temperature** | Not available. |
| **Viscosity** | Not available. |
| **Other information** | |
| **Explosive properties** | Not explosive. |
| **Oxidizing properties** | Not oxidizing. |

## 10. Stability and reactivity

| | |
|---|---|
| **Reactivity** | This product may react with strong acids. This product may react with strong oxidizing agents. |
| **Possibility of hazardous reactions** | Hazardous polymerization does not occur. |
| **Chemical stability** | Stable under recommended storage conditions. |
| **Conditions to avoid** | Do not mix with other chemicals. |
| **Incompatible materials** | Caustics. Acids. Reducing agents. Metals. Combustible materials. |
| **Hazardous decomposition products** | May include and are not limited to: Oxygen. |

## 11. Toxicological information

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.

**Information on likely routes of exposure**

**Ingestion** May cause stomach distress, nausea or vomiting.

**Inhalation** Prolonged inhalation may be harmful.

**Skin contact** Not expected to be a primary skin irritant.

**Eye contact** Causes irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Information on toxicological effects**

**Acute toxicity** Hydrogen peroxide at this level is considered to be irritating to the eyes in accordance with information provided by the European Chemicals Agency (ECHA).

There is sufficient evidence from human exposure cases and animal studies that solutions exhibiting low hydrogen peroxide concentrations are not irritating to the skin and the eyes. Solutions at concentrations of equal to or greater than 5 % are irritating to the eyes, solutions at concentrations equal to or greater than 8 % can cause severe damage to eyes, solutions at concentrations equal to or greater than 35 % are irritating to the respiratory tract and the skin and solutions at concentrations of equal to or greater than 50 % are corrosive - ECHA, 2021.

| Components | Species | Test Results |
|---|---|---|
| Hydrogen peroxide (CAS 7722-84-1) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | > 2000 mg/kg, 24 Hours, ECHA |
| *Inhalation* | | |
| LC50 | Rat | > 170 mg/m3, 4 Hours, ECHA |
| *Oral* | | |
| LD50 | Rat | 1026 mg/kg, ECHA, male |
| | | 693.7 mg/kg, ECHA, female |

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Exposure minutes** Not available.

**Erythema value** Not available.

**Oedema value** Not available.

**Serious eye damage/eye irritation** Causes irritation.

**Corneal opacity value** Not available.

**Iris lesion value** Not available.

**Conjunctival reddening value** Not available.

**Conjunctival oedema value** Not available.

**Recover days** Not available.

**Respiratory or skin sensitization**

**Canada - Alberta OELs: Irritant**

Hydrogen peroxide (CAS 7722-84-1) Irritant

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Mutagenicity** 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.

**Canada - Manitoba OELs: carcinogenicity**

Hydrogen peroxide (CAS 7722-84-1) Confirmed animal carcinogen with unknown relevance to humans.

**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. |

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not listed.

| | |
|---|---|
| **Reproductive toxicity** | This product is not expected to cause reproductive or developmental effects. |
| **Teratogenicity** | Non-hazardous by WHMIS/OSHA criteria. |
| **Specific target organ toxicity - single exposure** | Not classified. |
| **Specific target organ toxicity - repeated exposure** | Not classified. |
| **Aspiration hazard** | Not an aspiration hazard. |
| **Chronic effects** | Not classified. |

## 12. Ecological information

**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

Please note that data listed below is for 100% Hydrogen peroxide.

**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. |
| **Bioaccumulative potential** | No data available. |
| **Mobility in soil** | No data available. |
| **Mobility in general** | Not available. |
| **Other adverse effects** | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

## 13. Disposal considerations

| | |
|---|---|
| **Disposal instructions** | Do not reuse or refill this container. Review federal, provincial, and local government requirements prior to disposal. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| **Local disposal regulations** | Dispose in accordance with all applicable regulations. |
| **Hazardous waste code** | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| **Waste from residues / unused products** | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| **Contaminated packaging** | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

## 14. Transport information

| | |
|---|---|
| **Transport of Dangerous Goods (TDG) Proof of Classification** | Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below. |
| **General** | TDG does not regulate Hydrogen Peroxide for shipping until 8%.<br>Hydrogen peroxide is not regulated as corrosive or an oxidizer for shipping at the percentage available within this product. |

**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 HPR and the SDS contains all the information required by the HPR. |

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**WHMIS 2015 Exemptions** Not applicable

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

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

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

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

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories** Serious eye damage or eye irritation

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

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

Not regulated.

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

Not regulated.

**US state regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. See below

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

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

**US - Illinois Chemical Safety Act: Listed substance**

Hydrogen peroxide (CAS 7722-84-1)

**US - Minnesota Haz Subs: 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)

**US. New Jersey Worker and Community Right-to-Know Act**

Hydrogen peroxide (CAS 7722-84-1)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Hydrogen peroxide (CAS 7722-84-1)

**US. Rhode Island RTK**

Hydrogen peroxide (CAS 7722-84-1)

**US. California Proposition 65**

Not Listed.

**Inventory status**

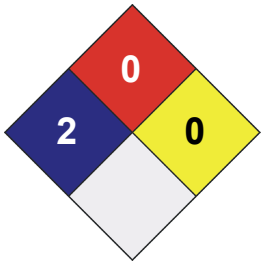
| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

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

## 16. Other information

| LEGEND | |
|---|---|
| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

| | |
|---|---|
| HEALTH | / 2 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |




**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.

**Issue date** 12-July-2021

**Version #** 04

**Effective date** 12-July-2021

**Prepared by** Dell Tech Laboratories, Ltd. Phone: (519) 858-5021

**Further information** Not available.

**Other information** For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

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