

MANUFACTURER: Pioneer Research/Total Solutions 3110 N 19th Ave Suite 200 Phoenix AZ 85015

GENERAL INFORMATION TELEPHONE: 1-602-230-0012

CHEM-TEL EMERGENCY TELEPHONE: 1-800-255-3924

SECTION I. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: HYDRO PRO

PRODUCT FORMULATION: Concentrated Oxygenated Cleaner

PRODUCT CODE: 714

NFPA HAZARD IDENTIFICATION SYSTEM:

0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

SECTION II. HAZARDOUS INGREDIENTS

Values reported as TWA unless noted

HAZARDOUS COMPONENT	CAS#	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:		
					302	355	372
Hydrogen Peroxide	7722-84-1	1.00-10.0	1 ppm	1 ppm	N	N	N
Surfactant	Proprietary	1.00-10.00	NE	NE	N	N	N

KEY:

PEL = Permissible Exposure Limit TLV = Threshold Limit Value C = Ceiling Level STEL = Short Term Exposure Limit N/A = Not Applicable
 N/D = Not Determined N/E = Not Established Y = Yes N = No
 302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
 355 = SARA TITLE III/List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
 372 = SARA TITLE III/List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

SECTION III. PHYSICAL DATA

Boiling Point (°F): N/D Specific Gravity (Water = 1): 1.01
 Vapor Pressure (mm Hg): N/D VOC Content (% by weight): <1.00
 Solubility in Water: Soluble Evaporation Rate (Water = 1): N/D
 Vapor Pressure (mm Hg): N/D pH: 9.00-10.0
 Appearance/Odor: Clear, colorless liquid; citrus fragrance

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (F): >210 Test Method: Closed Cup
 Flammability Limits in Air (Volume %): LEL: N/A UEL: N/A
 Extinguishing Media: Water.
 Special Fire Fighting Procedures: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
 Unusual Fire and Explosion Hazard: This product contains an oxidizer. Mixtures with combustible or flammable materials may ignite easily, burn fiercely, or may explode in contaminated, closed containers.

SECTION V. REACTIVITY DATA

Stability: Stable
 Incompatibility: Highly alkaline products, metals, salts, organics, reducing agents.
 Conditions to Avoid: Excess heat (> 100°F).
 Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, heat, steam, oxygen gas.
 Hazardous Polymerization: Will not occur.
 Conditions to Avoid: None

SECTION VI. HEALTH AND FIRST AID MEASURES

Routes of Entry Inhalation: X Eye Contact: X Skin Contact: X Ingestion: X

Ingredients Considered By OSHA, NTP, IARC to be Carcinogens: None.

Effects of Overexposure:

Eyes: Moderate irritation, redness, tearing. Prolonged contact may cause injury.

Skin: May cause irritation with prolonged or repeated exposure.

Ingestion: Small amounts may cause nausea, cramps. Larger amounts may be harmful.

Inhalation: May cause irritation to upper respiratory tract.

Emergency and First Aid Procedures:

Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.

Skin: Flush skin with water for at least 15 minutes. Remove contaminated clothing and rinse with water. Launder clothing separately before reuse.

Ingestion: Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water and give one to two glasses to dilute. Never give anything to an unconscious person.

Inhalation: Remove person to fresh air. Administer artificial respiration if breathing stopped.

SECTION VII. SPILL OR LEAK PROTECTION

Steps to Be Taken in Case of Spill or Leak : Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Waste Disposal Method: Consult local environmental authorities.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer's recommendations.

Ventilation Local: Recommended **Mechanical:** Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses or chemical goggles.

Other Protective Equipment: Protective clothing.

Precautions for Handling and Storage: Store in a cool, dry place away from heat, sparks or open flame. Keep container tightly closed when not in use.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION IX. TRANSPORTATION INFORMATION (GROUND ONLY)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging product properties and mode of shipment. If any alteration of packaging, product or mode of transportation is further intended, different shipping names and labeling may apply.

NOTICE: The information contained in this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.