MATERIAL SAFETY DATA SHEET

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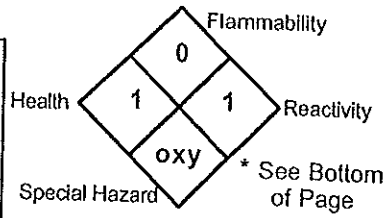
Manufactured by:
ANDERSON Chemical Company
Litchfield, Minnesota 55355-1041
(320) 693-2477



NFPA HAZARD RATING

Product Name: PROPEL

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 12/6/1999 lmt
Supersedes:

I. IDENTIFICATION

Chemical Name And Synonyms:
Hydrogen Peroxide

DOT Shipping Name
Hydrogen Peroxide, Aqueous Solution

Chemical Family:
Oxidizer

DOT Hazard Class & I.D. Number
Oxidizer UN2984

#	PG
5.1	III

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Hydrogen Peroxide	7722-84-1	20	1 ppm	1 ppm	NA	Oxidizer, irritant to eyes, nose, throat and lungs.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR/372).

NA: Not applicable

III. PHYSICAL DATA

Boiling Point: 225¡ F.
Specific Gravity: 1.073
Appearance: Clear, colorless liquid
Form: Liquid
Solubility In Water: Complete
Odor: None
pH, 1% Soln.: 5.5

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Water, water fog, CO_2

Special Fire Fighting Procedures: Any tank or container surrounded by fire should be flooded with water for cooling. If hydrogen peroxide is leaking, wear full protective clothing and NIOSH certified breathing apparatus.

Unusual Fire And Explosion Hazards: Hydrogen peroxide itself is noncombustible. On decomposition, it releases oxygen which may intensify a fire.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of Over-exposure: Irritant to eyes and skin.

Emergency And First Aid Procedures:

EYES: Flush immediately with water for 15 minutes, raise eyelids for complete rinsing. Get prompt medical attention.

SKIN: Flush with water for 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and wash before reuse.

INGESTION: DO NOT induce vomiting. Give large quantities of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.

* NFPA Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

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VI. REACTIVITY DATA

Stability - Unstable: Stable: X

Conditions To Avoid: Excessive heat and contamination of any kind.

Incompatibility: (Materials To Avoid) Iron and other heavy metals, galvanized iron, coppers, copper alloys, rust, dirt, organics or other combustibles.

Hazardous Decomposition Products: Oxygen which supports combustion.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Dilute with water and hold in diked area until the hydrogen peroxide decomposes.

Waste Disposal Method: Dispose according to federal, state and local regulations. A usually acceptable method is to dilute with large amounts of water and allow the peroxide to decompose followed by discharge into a suitable treatment system.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: For severe mist, concentration in excess of 10 ppm use NIOSH certified self-contained breathing apparatus.

Ventilation: As necessary to control mists in workplace at or below exposure guidelines. (1 ppm for 8 hour period)

Protective Gloves: Rubber

Eye Protection: Safety goggles

Protective Clothing: Rubber footwear, full cover clothing.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Store in cool, dry area, with drum upright. Avoid damage to drum, avoid contamination.

Other Precautions: Wash after handling.

X. REVISED INFORMATION

MSDS Status:

'he opinions expressed herein are those of qualified experts within *ANDERSON* Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since ıe use of this information and these opinions and the conditions of use of the product are not within the control of *ANDERSON* Chemical Company, it is the user's obligation to determine the conditions of safe use of the roduct.