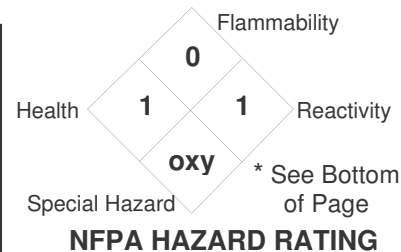


MATERIAL SAFETY DATA SHEET

68

Distributed by:

Chem Source
1904 Lenore Lane
Red Wing, MN 55066



Product Name: **Propel**

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

Revised: 12/6/1999 Int

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

#

5.1

PG

III

II. HAZARDOUS INGREDIENTS

Component	CASNO.	%	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)

NA: Not applicable
NE: Not established

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, CO2

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

Continued On Back

VI. REACTIVITY DATA

Stability - Unstable:

Stable:

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

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

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: