DIAMOND PRODUCTS COMPANY

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ACUTE	FIRE	REACTIVITY
2	0	0

HMIS HAZARD RATING: LEAST - 0
SLIGHT - 1 MODERATE - 2 HIGH - 3
EXTREME - 4

PRODUCT NAME: Hydrogen Peroxide
UPC/SKU# : (Any size requested by a customer)
CAS NUMBER: 7722-84-1

DIAMOND PRODUCTS COMPANY
435 CANNING PLANT ROAD
P.O. BOX 878
SEFFNER, FLORIDA 33583
For consumer information, call (813) 681-4611

2. COMPOSITION INFORMATION ON INGREDIENTS

OSHA-REGULATED COMPONENTS (Present at a concentration of > = 1 %)

Component	CAS#	%	PEL	TLV
Hydrogen Peroxide	7722-84-1	3	1.4 mg/m^3	1.4 mg/m^3

The following components, present at a concentration of > 0.1 % are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

Component	CAS#	%	PEL	TLV
Not applicable (None of ingredients in this product are listed.)				

3. HAZARDS IDENTIFICATION

THIS PRODUCT HAS NOT BEEN TESTED AS A WHOLE

POTENTIAL HEALTH EFFECTS

EYE CONTACT: May cause redness, stinging, tearing and blurred vision. The liquid may cause severe corneal conjunctival ulceration, possibly resulting in blindness.

SKIN CONTACT: Acute exposure: 6 % solutions are a weak irritant. Contact with low concentrations may cause whitening of the skin and a tingling of the skin. If not removed, erythema or vesicle formation may occur. High concentrations may cause severe burns and ulceration of the skin.

INGESTION: May cause severe irritation and injury to the mouth and throat, distention to the esophagas and stomach and internal bleeding.

INHALATION: Highly toxic when vapor or mist is inhaled at concentrations greater than 10 %. Sore throat, coughing and shortness of breath; above 30 % breathing may become labored, severs systemic poisoning may result in headache, dizziness, vomiting, diarrhea, tremors, irritability, insomnia, hyper reflexia, numbness, convulsions, unconsciousness, shock and death. Effects may be delayed for hours.

Chronic exposure: Animals exposed to 7 ppm of 90 % solutions for 6 hours a day 5 days a week for 6 months showed no effects for the first 23 weeks. After the 23 weeks they exhibited coughing, lacrimation and bleeding of the hair.

4. FIRST AID MEASURES

EYE CONTACT: Flush with large quantities of water for 15 minutes. Continue irrigation with normal saline until the pH has returned to normal (30-60 min.). Cover with sterile bandages. Get prompt medical attention.
SKIN CONTACT: Remove contaminated clothing immediately. Wash affected area with soap and or a mild detergent and large amounts of water until no evidence of the chemical remains (at least 15-20 min.). In case of chemical burns, cover burns with sterile dressing, bandage securely, but not to tight.. Get prompt medical attention.
INGESTION: Give water to dilute chemical. Use gastric tube to release pressure, Maintain airway. Get medical attention immediately
INHALATION: Remove to fresh air. If breathing is still difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep warm and at rest. Get prompt medical attention.

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5. FIRE FIGHTING MEASURES

Flash Point Not flammable
Extinguishing Media: water spray, CO2, Foam, dry chemical.
SPECIAL FIRE FIGHTING MEASURES: Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

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6. ACCIDENTAL RELEASE MEASURES

Wipe up small spills. Large spills: Eliminate all ignition sources. Exclude persons not wearing protective clothing. Stop spill at source. Prevent from entering drains, sewers, and bodies of water. If runoff occurs notify authorities as required.

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7. HANDELING AND STORAGE

Store in a cool dry place.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: Under normal conditions of use, no special precautions or control measures are required.
PROTECTIVE CLOTHING: In processing and packaging operations, the use of safety glasses or goggles and rubber gloves is recommended.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Clear liquid
Specific gravity: 1.0 @ 20/20 C
Solubility in water: Completely soluble @ 68 F
Vapor pressure: 14 mm Hg @ 20 C

Vapor density: 0.7
pH: Slightly acidic
Freezing/Melting point: 32 F
Boiling point: 212 F

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10. STABILITY AND REACTIVITY

GENERAL: This product is stable under normal temperatures and pressures. Hazardous polymerization will not occur.
INCOMPATABLE MATERIALS:
ACETALDEHYDE: FORMS EXPLOSIVE COMPOUND
ACETIC ACID: FORMS EXPLOSIVE COMPOUND
ACETONE: EXPLOSION
ALCOHOLS MAY FORM EXPLOSIVE COMPOUNDS
BENZENESULFONIC ANHYDRIDE: EXPLOSIVE DECOMPOSITION
CARBOXYLIC ACIDS: MAY FORM EXPLOSIVE PEROXYACIDS
CHLOROSULFONIC ACID: : MAY FORM EXPLOSIVE COMPOUND
CHLORINE = POTASSIUM HYDROXIDE; REACTS WITH RED LUMINESCENCE
COMBUSTIBLE MATERIALS; MAY ACCELERATE THE BURNING RATE OR CAUSE IGNITION OR

EXPLOSION ON CONTACT
DIETHYL ETHER; EXPLOSIVE MIXTURE
DIMETHYLPHENYLPHOSPHINE; VIOLENT REACTION ON RAPID MIXING
DIPHENYL DISELENIDE; : MAY FORM EXPLOSIVE COMPOUND
ETHANOL; EXPLOSION
GADOLINIUM HYDROXIDE; FORMS EXPLOSIVE COMPOUND
HYDROGEN SELENIDE; RAPID INTERACTION
KE ENE; FORMS EXPLOSIVE COMPOUND
KETONES + NITRIC ACID; MAY FORM EXPLOSIVE COMPOUNDS
LITHIUM TETRAHYDROALUMINATE; EXPLOSIVE MIXTURE
METALS AND ALLOYS; MAY CATALYZE VOILENT EXOTHERMIC REACTIONS
METAL OXIDES; VIGOROUS OR VIOLENT REACTION
METAL SALTS; MAY CATALYZE VIOLENT EXOTHERMIC REACTIONS
NITRIC ACID = THIOUREA; FORMULATION OF EXPLOSIVE COMPOUND
NITRIC ACID; UNSTABLE MIXTURE IF MORE THAN 50 % ACID IS PRESENT
HETEROGENEOUS BASES; EXPLOSION HAZARD
ORGANIC COMPOUNDS; UNDER CERTAIN CIRCUMSTANCES, MAY IGNITE OR FORM DETONABLE MIXTURES
MIXTURES; THE PRESENCE OF A CATALYST MAY INCREASE THE RISK OF A REACTION
OXYGENATED COMPOUNDS + WATER; MAY FORM DETONABLE MIXTURES
PHENYLSELENOKETONES; STRONG EXOTHERMIC REACTION
PHOSPHOROUS; (V) OXIDE; EXTREAMLY VIOLENT REACTION
PHOSPHOROUS; VIOLENT REACTION IF HEATED
POTASSIUM PERMANGANATE; VIOLENT REACTION
REDUCING AGENTS; FIRE AND EXPLOSION HAZARD
SODIUM; VIOLENT REACTION
TETRAHYDROTHIOPENE; MAY FORM EXPLOSIVE COMPOUND
SULFURIC ACID; EXPLOSION HAZARD IF HEATED TO DRYNESS
WOOD; POSSIBLE IGNITION

HAZARDOUS DECOMPOSITION: Thermal decomposition of concentrated solutions releases flammable oxygen and heat.

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11. ECOLOGICAL DATA

Not known.

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12. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal regulations. Do not dump into sewers or any body of water or on to the ground.

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13. TRANSPORTATION

No special precautions required.

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14. OTHER INFORMATION

Effective Date:~~11/01/96~~
Supersedes MSDS# NEW Revised 10/25/99

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