

Material Safety Data Sheet

Number: **DMN0375**

Product Name: **Perfect Orange™**
A liquid hydrogen peroxide cleaner.

Revised: 5/20/08

Damon Industries, Inc.
Box 2120
Alliance, OH 44601

24 hour **Emergency Only** phone: 1-800-535-5053
Information phone: 1-800-362-9850 or 330-821-5310
fax: 330-821-5563

Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Hydrogen Peroxide	7722-84-1	5 - 10%	No

Section 3 - Hazards Identification

Emergency Overview: Concentrate is irritating to the eyes and may be irritating to the skin. A clear liquid with orange odor. Product does not support combustion, but may release a small amount of oxygen when heated in a fire.

Health Hazards: Irritant

Physical Hazards: None

Primary Routes of Entry: Through Skin Inhalation Ingestion

Potential Health Effects:

Eyes - Concentrate and dilutions cause irritation.

Skin - Concentrate may cause irritation. Dilutions are less likely to cause irritation except with prolonged contact.

Swallowing - Irritating to mouth and throat. May cause nausea and vomiting.

Breathing - Inhalation of vapors is not hazardous. Inhalation of mist may cause irritation.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

Skin Contact: Wash the exposed skin with soap and water. If irritation develops and persists, get medical attention.

Inhalation: None.

Ingestion: If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: None (ASTM D-56 closed cup)

Lower Explosive Limit: Not Applicable

Upper Explosive Limit: Not Applicable

Extinguishing Media: Any.

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: May release small amounts of oxygen when heated or when in contact with rust, dirt, combustibles and other contaminants.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Spills of 5 gallons or less may be wiped or mopped up. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Keep container closed when not in use.

Store between 40° and 100° F.

Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Hydrogen Peroxide	7722-84-1	5 - 10%	1 ppm (1,2,3,4)	2 ppm (4)	-
(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous					

Ventilation: None.

Respiratory Protection: None.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves. Disposable latex gloves may be used.

Eye Protection: If splashing of concentrate into the eyes is possible, wear safety glasses with side shields.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: Not Available

Vapor Pressure: Not Available

Specific Gravity: 1.04

Vapor Density: Not Available

Percent Volatiles: 95%

Evaporation Rate: Not Available

Solubility In Water: Complete

pH: concentrate 4.0 ± 0.5

Appearance and Odor: A clear liquid with and orange odor.

Section 10 - Stability and Reactivity

Incompatibility: Cyanides, nitric acid, oxidizing and reducing agents.

Hazardous Decomposition Products: Small amounts of oxygen.

Section 11 - Toxicological Information

Target Organs: None.

Section 12 - Ecological Information

None.

Section 13 - Disposal Considerations

Waste Disposal Method: Up to 5 gallons may be washed to a sanitary sewer with a large amount of water. Larger amounts require approval and neutralization. Contact Damon Industries for disposal of larger amounts.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:1 F:0 I:0 **HMIS® III:** H:1 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 7/2/02.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.