

Section 1 - Identification

Product Name: **Perfect Orange™** A liquid hydrogen peroxide cleaner. Revised: 10/7/15

Damon Industries, Inc. 12435 Rockhill Ave NE Alliance, Ohio 44601 U.S.A.	1-800-362-9850 1-330-821-5310 1-330-821-6355 Fax info@DamonQ.com	24 HOUR EMERGENCY RESPONSE 1-800-535-5053 (U.S. & Canada) 001-352-323-3500 (International)
---	---	---

Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 2; Eye Corrosion/Irritation 2A; Specific Target Organ Toxicity-single exposure (respiratory) 3

Hazard statements: Causes skin irritation and serious eye irritation.
 May cause respiratory irritation.

Signal word: Warning

Pictogram: Exclamation

Precautionary statements

Prevention

Avoid breathing vapors.

Use only outdoors or in a well-ventilated area.

Wear protective gloves such as latex. Wear eye protection such as safety glasses with side shields.

Wash hands thoroughly after handling.

Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell.

Storage: Store in well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.



Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	85%
Hydrogen Peroxide	7722-84-1	6%
Dipropylene glycol n-butylether	29911-28-2	4%
Poly(oxy-1,2-ethanediyl, a-undecyl-w-hydroxy-	34398-01-1	2%
Alcohols, C9-11, ethoxylated	68439-46-3	2%
Sodium monododecyl ester sulfate	151-21-3	2%
2-Butoxyethanol	111-76-2	1%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

Skin Contact: Wash 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

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

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Hydrogen Peroxide	7722-84-1	6%	1 ppm(1,2,3,4)	2 ppm(4)	-
2-Butoxyethanol	111-76-2	1%	50 ppm(1), 5 ppm (2), 20 ppm (3), 25 ppm (4)	75 ppm(4)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

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

Appearance and Odor: A clear liquid with and orange odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 4.0 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 1.04
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: Not Available	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: Not Available	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 95%
Upper Explosive Limit: None	V.O.C.: 1% - 11 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

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

Hazardous Decomposition Products: Small amounts of oxygen.

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; 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 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 4/28/15. Corrected Skin Corrosion/Irritation 2.

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.