


## SECTION 1: Identification

<b>Product Name</b>	HD Oxygen Cleaner	<b>Product Code</b>	PC1191
<b>Recommended Use</b>	Concentrated oxygenated multisurface cleaner		
<b>Supplier</b>	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	

## SECTION 2: Hazard(s) identification

<b>WARNING</b> 	<b>Hazards not otherwise classified or not covered by GHS</b>	
	None	
<b>Hazard Statement</b>	<b>Hazard Class (GHS Chapter)</b>	<b>Hazard Category</b>
Causes skin irritation.	Skin corrosion/irritation(chapter 3.2)	Category 2
Causes serious eye irritation.	Causes serious eye damage (chapter 3.3)	Category 1
<b>Precautionary Statement</b>		
<p>Wash hands, face and exposed skin thoroughly after handling.  Wear protective gloves. Nitrile gloves suggested.  Wearing eye protection is recommended.  Wash exposed skin with enough water and soap to remove excess.  If skin irritation occurs, get medical advice, attention.  Remove contaminated clothing and wash before reuse.  If in eyes, rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.</p>		

## SECTION 3: Composition/Information on Ingredients

Chemical identity	Common Name, Synonyms, etc.	CAS #	%
Hydrogen Peroxide	Dioxidane, Oxidanyl	7722-84-1	7.5-7.9
2-(2-Butoxyethoxy)ethanol	Dowanol DB, Diethylene glycol monobutylether, Butyl Carbitol	112-34-5	14-15

## SECTION 4: First Aid Measures

**If medical advice is needed, have product container or label at hand.**

<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting. Call Poison Center, 911 or emergency medical service.
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If skin irritation occurs, get medical attention.
	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

**SECTION 4: First Aid Measures (continued)****Most important symptoms/effects, acute and delayed.**

Acute exposure may cause skin burns or irritation, or eye irritation.

**Immediate medical attention and special treatment, if necessary**

Move victim to fresh air. Immediately call poison center, 911 or medical aid.

**SECTION 5: Fire-fighting Measures****Suitable extinguishing media.**Dry chemical, CO<sub>2</sub>, alcohol resistant foam or water spray**Specific hazards arising from the chemical**

None

**Special protective equipment and precautions for fire-fighters.**

Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection. Move containers from fire area, if you can do it without risk.

**Emergency Response Guide Number**

Not applicable

**SECTION 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures.**

Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are recommended.

**Environmental precautions.**

Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.

**Methods and materials for containment and cleaning up.**

Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible absorbent material and transfer to containers. Collect Spillage. . Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage****Precautions for safe handling.**

Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Wear protective nitrile gloves/protective clothing /safety eye glasses/face protection. Use only with adequate ventilation/personal protection. Avoid strong oxidizing agents and metals.

**Conditions for safe storage, including any incompatibilities.**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials, Keep containers tightly closed and properly labeled. Store in original containers. Do not store in ferrous containers.

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS #	Type	Value	Basis
Hydrogen Peroxide	7722-84-1	TWA	1ppm	USA ACGIH Threshold Limit Values (TLV)
		TWA	1ppm 1.4 mg/m <sup>3</sup>	USA, NIOSH Recommended Exposure Limits
		TWA	1ppm 1.4 mg/m <sup>3</sup>	USA, Occupational Exposure Limits (OSHA)-Table Z- Limits for Air Contaminants

Remarks: Eye, skin and upper respiratory tract irritation. Confirmed animal carcinogen with unknown relevance to humans.

<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Wear eye and skin protection. Collect spillage.
<b>Appropriate engineering controls</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.
<b>Individual protection measures</b>	Handle with nitrile gloves. Gloves must be inspected prior to use. Avoid skin contact with this product. Eye protection is recommended. Avoid eye contact. Long term exposure could irritate skin and eyes.

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Slightly turbid to clear liquid	<b>Specific Gravity</b>	1.01-1.03
<b>Odor</b>	Citrus fragrance added	<b>Boiling Point</b>	Ca 212°F
<b>Odor threshold</b>	No data available	<b>Solubility in Water</b>	Complete
<b>pH at concentrate</b>	4-5	<b>Evaporation Rate</b>	Similar to water
<b>pH at use dilution</b>	6.5-7.5	<b>Volatile Organic Compound</b>	17-18%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	Zinc. Powdered metals. Iron, Copper, Nickel, Brass, Iron and iron salts.
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrogen peroxide CAS 7722-84-1)
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	<p><u>Hydrogen Peroxide CAS 7722-84-1</u>  RTECS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on Human Evidence. Stomach - Irregularities - Based on Human Evidence (Hydrogen peroxide)</p> <p><u>2-(2-Butyoxethoxy) ethanol CAS 112-34-5</u>  Serious eye damage/eye irritation, Eyes – rabbit. Result: Irritating to eyes. Acute toxicity, LD50 Oral - rat - male - 7,291 mg/kg. Inhalation: no data available. LD50 Dermal - rabbit - male - 2,764 mg/kg. Skin corrosion/irritation. Skin – rabbit. Result: Mild skin irritation - 1 h. RTECS: KJ9100000. Stomach - Irregularities - Based on Human Evidence</p>

**SECTION 12: Ecological Information**

2-(2-Butyoxethoxy) ethanol CAS 112-34-5  
Toxicity to fish static test LC50 - Lepomis macrochirus - 1,300 mg/l - 96 h. Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h. Toxicity to algae static test EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) - >100 mg/l - 96 h. Toxicity to bacteria LC50 - Pseudomonas putida - 1,170 mg/l - 16 h. No data available on mixture.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

Not US DOT regulated for transport

**SECTION 15: Regulatory Information**

2-(2-Butyoxethoxy) ethanol CAS 112-34-5 is subject to the reporting levels established by SARA Title III, Section 313  
Hydrogen Peroxide CAS 7722-84-1 is subject to reporting levels established by SARA Title III, Section 302  
Hydrogen Peroxide CAS 7722-84-1 is a SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard  
Hydrogen Peroxide CAS 7722-84-1 is a NJ,PA, MA Right- to- Know chemical  
2-(2-Butyoxethoxy) ethanol CAS 112-34-5 is a NJ, and PA Right-to-know chemical.

California Prop. 65: This product does not contain any chemical known to the state of California to cause cancer, birth defects, or any other reproductive harm.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

**SECTION 16: Other Information**

Prepared 09/25/20238 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only

DISCLAIMER: Whereas the use and handling of this product is not within the control of Next-Gen Supply Group, it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. Next-Gen Supply Group accepts no liability for damages or loss incurred from the misuse and mishandling of this product.