




SECTION 1: Identification

Product Name	Oxy-D Concentrate	Item Code	OXY-D
Recommended Use	Concentrated Cleaner		
Supplier	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	Emergency Telephone	
		INFOTRAC: 1-800-535-5053	

SECTION 2: Hazard(s) identification

Danger	  	Hazards not otherwise classified or not covered by GHS	
		None	
Hazard Statement	Hazard Class (GHS Chapter)	Hazard Category	
May intensify fire; oxidizer	Oxidizing liquids (chapter 2.13)	Category 2	
Causes skin irritation.	Skin corrosion/irritation (chapter 3.2)	Category 2	
Toxic to aquatic life with long lasting effects	Hazardous to the aquatic environment, long-term (Chronic)	Chronic 2	

Precautionary Statement

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Keep away from clothing and other combustible materials.
 Wear protective gloves/protective clothing and eye safety protection.
 Wash skin/clothing thoroughly after handling.
 In case of contact with skin, immediately remove all contaminated clothing. Rinse affected areas with plenty of soap and water or shower. Wash contaminated clothing before reuse.
 If skin irritation occurs. Get medical advice/attention.
 In case of fire, use dry chemical, CO₂, alcohol resistant foam or water spray to extinguish.
 Avoid release to the environment. Collect spillage.
 Dispose of contents/container in accordance with local/state/federal and international regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

SECTION 3: Composition/Information on Ingredients

Chemical identity	Common name, synonyms, etc.	CAS #	%
Hydrogen Peroxide	Dioxidane, Oxidanyl	7722-84-1	1-1.5
D-Limonene	Carvene, p-Mentha-1,8 diene, 4-Isoprpenyl-1-methyl-cyclohexebe	5989-27-5	4-6

SECTION 4: First Aid Measures

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

Necessary measures for routes of exposure	IF SWALLOWED: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting. Call poison center, 911 or emergency medical professional.
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If irritation occurs get medical advice/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.

Most important symptoms/effects, acute and delayed.

Acute exposure may cause skin burns/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, CO₂, alcohol resistant foam or water spray

Specific hazards arising from the chemical

Move containers from fire area, if you can do it without risk

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.

Emergency Response Guide Number

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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 without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with 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, and eye/face protection. Use only with adequate ventilation/personal protection.

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. Store in original containers. Do not store in ferrous containers. Keep containers tightly closed and properly labeled. Avoid strong oxidizing agents and metals.

SECTION 8: Exposure Controls/Personal Protection

Component	CAS #	Value	Exposure	Basis
Hydrogen Peroxide	7722-84-1	TWA	1ppm	USA ACGIH Threshold Limit Values (TLV)
		TWA	1ppm 1.4 mg/m ³	USA, NIOSH Recommended Exposure Limits
		TWA	1ppm 1.4 mg/m ³	USA, Occupational Exposure Limits (OSHA)-Table Z-Limits for Air Contaminants
		TWA	1ppm 1.4 mg/m ³	USA, OSHA-Table Z-1 Limits for Air contaminants - 1910.1000

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

D-Limonene	5989-27-5	TWA	20ppm,	USA ACGIH Threshold Limit Values (TLV)
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Remarks: Eye, skin and upper respiratory tract irritation. Central nervous system impairment. Lung damage. Sensitizer varies. Not classifiable as a human carcinogen.

Control parameters	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Long term exposure could irritate skin and eyes. Collect spillage.
Appropriate engineering controls	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.
Individual protection measures	Avoid skin contact with this product. Handle with nitrile gloves which have been inspected prior to use. Avoid eye contact. Tightly fitted safety goggles or face shield is required.

SECTION 9: Physical and Chemical Properties

Appearance	Orange transparent liquid	Specific Gravity	1.01-1.03
Odor	D-Limonene	Boiling Point	Ca 212°F
Odor threshold	No data available	Solubility in Water	Complete
pH at concentrate	4-5	Evaporation Rate	Similar to water
pH at use dilution	4-5	Volatile Organic Compound	4-6%

SECTION 10: Stability and Reactivity

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Oxidizers, acids, halogens, light metals, copper, ferrous metals and aluminum.
Hazardous decomposition products	No data available

SECTION 11: Toxicological Information

IARC	3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrogen peroxide, D-Limonene)
ACGIH	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
NTP	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
OSHA	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
Additional Information	<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>D-Limonene CAS 5989-27-5</u> Acute Toxicity: LD50 Oral -rat-4,400mg/kg, Behavioral Change in motor activity,. Respiratory disorder Skin and appendages. Serious eye damage eye irritation. Respiratory or skin sensitization - mouse. Liver - Irregularities based on Human Evidence. RTECS: GW6360000</p>

SECTION 12: Ecological Information

D-Limonene is toxic to aquatic life. No data is available on the 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. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

SECTION 14: Transport Information

**DOT Packaging Exception 173.154, b,2,d,
Limited Quantities not over 1.3 gals (Inner packaging not over 1.3 gals)
If shipped by airplane, rail or vessel see 49 CFR 172.101 Hazardous Materials Table**

DOT Classification	Hydrogen Peroxide, aqueous solution (with not less than 8 percent but less than 20 percent hydrogen peroxide(stabilized as necessary))	Hazard Class	5.1
DOT Identification	UN2984	Packaging Group	3
Placard	Oxidizer 5.1	Special Provisions for Bulk Transport (>119 gals container for liquids) Oxidizer 5.1 Placard	

SECTION 15: Regulatory Information

This material does not contain any components subject to the reporting requirements of SARA Title III, Section 313.

Hydrogen Peroxide CAS 7722-84-1 is subject to the reporting requirements of SARA Title III, Section 302

Hydrogen Peroxide CAS 7722-84-1 is a SARA 311/312 Hazard: Acute Health Hazard, Chronic Health Hazard

Hydrogen Peroxide CAS 7722-84-1 is a NJ, PA, MA Right- to- Know chemical

D-Limonene CAS 5989-27-5 is a NJ, PA, MA Right- to- Know chemical

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

SECTION 16: Other Information

Revision prepared 05/10/2017 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.

Previous Version Dated 03/10/2016.

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.