



# VI-JON<sup>®</sup> Safety Data Sheet

for Health and Beauty Products

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Hydrogen Peroxide Antiseptic Oral Cleanser  
**Item Number:** 171AC  
**Recommended Use:** Oral Hygiene  
**Supplier Address:** Vi-Jon, Inc.  
8515 Page Avenue  
Saint Louis, MO 63114

**General Information Contact:** Phone: 314-427-1000 (M-F 8am-4pm CST)  
Email: info@vijon.com

**In Case of Spill Emergency Contact:** Chemtrec: 1-800-424-9300 (24-Hour)

## 2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING

### CAUTION!

### Emergency Overview

May cause eye irritation

**Appearance:** Clear, Light blue, Water-thin liquid

**Physical State:** Water-thin liquid

**Odor:** Minty

### Potential Health Effects

#### Primary Routes of Exposure

Skin contact. Ingestion.

#### Acute Toxicity

##### Eyes

May cause irritation.

##### Skin

None known.

##### Inhalation

Not an expected route of exposure.

##### Ingestion

None known when used as directed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Chronic Effects

None known.

#### Aggravated Medical Conditions

None known.

#### Environmental Hazard

See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Hydrogen Peroxide 150mg/ml (1.5%)	7722-84-1	0-10
Alcohol (6% v/v)	64-17-5	0-10
FD&C Blue #1	3844-45-9	0-10
Menthol	2216-51-5	0-10
Methyl Salicylate	119-36-8	0-10
Poloxamer 338	9003-11-6	0-10
Polysorbate 20	9005-64-5	0-10
Purified Water	7732-18-5	50-100
Sodium Saccharin	128-44-9	0-10
Sorbitol Solution (70%)	50-70-4	10-50

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin Contact</b>	In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.
<b>Flash Point</b>	94C / 201F
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	No.
<b>Sensitivity to Static Discharge</b>	No.
<b>Protective Equipment and Precautions for Firefighters</b>	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
<b>NFPA</b>	<b>Health Hazard 1      Flammability 0      Stability 0      Physical and Chemical Hazards - None</b>

### 6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING

<b>Personal Precautions</b>	Use personal protective equipment. Avoid contact with eyes.
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Damp up. Soak up with inert absorbent material. Keep in suitable and closed containers for disposal. Clean contaminated surface thoroughly.

### 7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
<b>Storage</b>	Keep container tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION FOR INDUSTRIAL SETTING

**Exposure Guidelines**                      **There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.*

**Other Exposure Guidelines**                      Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Engineering Measures**  
 Showers  
 Eyewash stations  
 Ventilation systems

**Personal Protective Equipment**

**Eye/Face Protection**  
**Skin and Body Protection**  
**Respiratory Protection**

No special protective equipment required.  
 No special protective equipment required.  
 No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**                                      Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, Light blue, Water-thin liquid	<b>Odor</b>	Minty
<b>Odor Threshold pH</b>	No information available 4.3	<b>Physical State</b>	Water-thin liquid
<b>Flash Point</b>	201F / 94C	<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available	<b>Boiling Point/Range</b>	No information available
<b>Melting Point/Range</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Flammability Limits in Air</b>	No information available	<b>Solubility</b>	No information available
<b>Water Solubility</b>	Miscible in water.	<b>Vapor Pressure</b>	No data available
<b>Evaporation Rate</b>	No information available	<b>Partition Coefficient: n-octanol/water</b>	N/A
<b>Vapor Density</b>	No data available		

## 10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING

**Stability**    Stable under recommended storage conditions.

**Incompatible Products**                              None known.

**Conditions to Avoid**                                      None known.

**Hazardous Decomposition Products**                      Carbon oxides.

**Hazardous Polymerization**                              Hazardous polymerization does not occur.

When used in accordance with the directions.

### 11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

**Acute Toxicity**

**Product Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen Peroxide	= 801 mg/kg ( Rat )	= 4060 mg/kg ( Rat ) = 2000 mg/kg ( Rabbit )	= 2 g/m <sup>3</sup> ( Rat ) 4 h
Alcohol	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h
Poloxamer 338	-	-	= 320 mg/m <sup>3</sup> ( Rat ) 4 h
Purified Water	> 90 mL/kg ( Rat )	-	-
Sodium Saccharin	= 14200 mg/kg ( Rat )	-	-
Sorbitol Solution	= 15900 mg/kg ( Rat )	-	-

**Chronic Toxicity**

**Chronic Toxicity** No known effect based on information supplied.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide	A3	Group 3		
FD&C Blue #1		Group 3		
Sodium Saccharin		Group 3		

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Target Organ Effects** Eyes. Kidney. Respiratory system. Skin. Blood. Central nervous system (CNS). Liver. Reproductive system.

### 12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

### 13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations.

**California Hazardous Waste Codes** 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Hydrogen Peroxide			Toxic Corrosive Ignitable Reactive	
Alcohol			Toxic Ignitable	Recyclable Hazardous Wastes

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING**

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

**International Inventories**

TSCA Exempt  
 DSL Not determined

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard No  
 Chronic Health Hazard No  
 Fire Hazard No  
 Sudden Release of Pressure Hazard No  
 Reactive Hazard No

**Clean Water Act**

This product contains the following ingredients which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Hydrogen Peroxide	X	X	X	X

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)**

This product not contain any singredients which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

**CERCLA**

This material, as supplied, contains one or more ingredients regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Hydrogen Peroxide		1000 lb

**U.S. State Regulations**

**California Proposition 65 – None**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations For Industrial Setting**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Hydrogen Peroxide	X	X	X		X
FD&C Blue #1	X				
Sodium Saccharin	X		X		

**International Regulations**

**Mexico - Grade** Slight risk, Grade 1

Hydrogen Peroxide	A3	Mexico: TWA 1 ppm Mexico: TWA 1.5 mg/m <sup>3</sup> Mexico: STEL 2 ppm Mexico: STEL 3 mg/m <sup>3</sup>
Alcohol		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m <sup>3</sup>

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

Product Number: 171AC  
Issuing Date: July 11, 2013

Revision Date: None

Product Name: Alcohol Free Mint Peroxide Rinse  
Revision Number: 0

## 16. OTHER INFORMATION

**Prepared By** WERCS Professional Services, LLC  
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1-800-572-6501

**Issuing Date** July 11, 2013

**Revision Date** None

**Revision Note** None

### General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

Approved and Updated by Vi-Jon, Inc.

### Disclaimer:

The information and recommendations contained in the Material Safety Data Sheet (MSDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof.

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**End of Safety Data Sheet**