

# Dual-Barrel Professional Tooth Whitening Gel

## SAFETY DATA SHEET

Date Issued: 01/10/2013  
Date-Revised: 05/26/2015  
Revision No: 3

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

#### MANUFACTURER

PAC-DENT INTERNATIONAL, INC.  
670 ENDEAVOR CIRCLE  
BREA, CA 92821  
Telephone: 909-839-0888  
Hours: Mon.- Fri. 9:00 am. - 5:30 pm. P.S.T.

**PRODUCT NAME:** 24%, 30%HP Dual-Barrel Professional Tooth Whitening Gel

**PRODUCT USE:** Tooth Whitening

*The following information is provided with regard to the toxicity and hazards the pure components present in this product.*

### SECTION 2 - HAZARDS IDENTIFICATION

#### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**CLASSIFICATION ACCORDING TO DIRECTIVE 1999/45/EC:** The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

**DANGER SYMBOLS:** O, Xi

**R PHRASES:** R41

**CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [CLP]**

**HEALTH:** Serious Eye Damage, Category 1

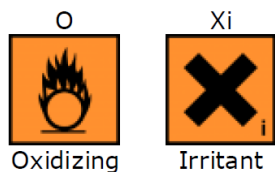
**ENVIRONMENTAL:** Oxidizing Liquids, Category 1

#### 2.2. LABEL ELEMENTS

This mixture contains Hydrogen Peroxide, Potassium Nitrate, Sodium Hydroxide, and Sodium Fluoride. These materials are considered hazardous as defined by the OSHA Hazard Communication Standard (29 CFR 1819.1200)

**CLASSIFICATION ACCORDING TO DIRECTIVE 1999/45/EC**

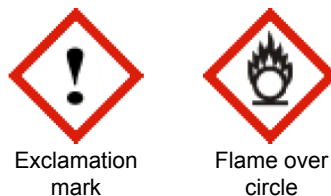
**HAZARD PICTOGRAM(S):**



**R&S STATEMENT(S):** R41: Risk of serious damage to eyes.

**CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [CLP]**

**HAZARD PICTOGRAM(S):**



**SIGNAL WORD:** WARNING

**HAZARD STATEMENT(S):** H318: Causes serious eye damage.

**PRECAUTIONARY STATEMENT(S)**

**PREVENTION:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

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**RESPONSE:** P305: IF IN EYES:  
P351: Rinse cautiously with water for several minutes.  
P315: Get immediate medical advice/attention.  
P306+P360: IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
P313: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
P301: IF SWALLOWED:  
P310: Immediately call a POISON CENTER or doctor/physician.  
P330: Rinse mouth.  
P331: Do NOT induce vomiting.

**STORAGE:** P273: Avoid release to the environment.

**DISPOSAL:** P501: Dispose of in compliance with governmental regulation.(EC1975L0442-20/11/2003)

### 2.3. OTHER HAZARDS

**IMMEDIATE CONCERNS:** Causes severe eye irritation

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	C.A.S.	EINECS No.	%	CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC	CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008[CLP]
Hydrogen Peroxide	7722-84-1	231-765-0	<40.0	O, Xi; R41; R37/38	Oxid. Liq., Cat. 1; Acute Tox. (O), Cat. 4; Skin Corr., Cat. 1A; H271; H314; H302; H332
Potassium Nitrate	7757-79-1	231-818-8	<5	O, Xi; R36/37/38; R22	H271; H272; H302; H315; H319; H335; H361; H371; H373
Sodium Hydroxide	1310-73-2	215-185-5	<5	C; R34	Skin Corr., Cat. 1A; Acute Tox. (D), Cat. 4; H302; H314
Sodium Fluoride	7681-49-4	231-667-8	0.1-1.0	T, Xi; R25; R32; R36/38	Acute Tox. (O), Cat. 3; Eye Irr., Cat. 2; Skin Irr., Cat. 2; H301; H315; H319

### SECTION 4 - FIRST AID MEASURES

**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

**SKIN CONTACT:** Flush eyes with plenty of water for at least 15 minutes.

**INGESTION:** Do not induce vomiting. Give plenty of water. If abdominal discomfort persists, seek medical attention.

**INHALATION:** Small amount of product will not emit concentrated amount of vapors. In case of breathing difficulty or shortness of breath secondary to ingestion of large amount of product, immediately move to a well ventilated area. If not breathing, give artificial respiration.

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### SECTION 5 - FIRE FIGHTING MEASURES

**FLASH POINT:** N.E. **FLAMMABLE LIMITS:** N.E.  
**EXTINGUISHING MEDIA:** Water spray, or carbon dioxide  
**SPECIAL FIRE FIGHTING PROCEDURES:** None  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None  
**HAZARDOUS COMBUSTION PRODUCTS:** None

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**IN CASE OF RELEASE OR SPILL:** For small spills, collect material and dispose per federal, state and local regulations. For larger spills, isolate area which may present a slip hazard. Sweep or collect material and dispose per federal, state and local regulations.

### SECTION 7 - HANDLING AND STORAGE

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Keep container in a cool, well-ventilated area. Keep container closed when not in use. Keep away from heat. Avoid exposure to direct sunlight.

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Not applicable.  
**RESPIRATORY PROTECTION:** Not required.  
**VENTILATION:** Not required.  
**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.  
**EYE PROTECTION:** Safety glasses recommended.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N.A.  
**WORK/HYGIENIC PRACTICE:** Observe good hygienic work practices.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b>	N.E.	<b>SPECIFIC GRAVITY:</b>	>1 (H <sub>2</sub> O=1)
<b>VAPOR PRESSURE:</b>	N.E.	<b>MELTING POINT:</b>	N.E.
<b>VAPOR DENSITY:</b>	N.E.	<b>EVAPORATION RATE:</b>	N.E.
<b>SOLUBILITY IN WATER:</b>	Miscible	<b>APPEARANCE AND ODOR:</b>	Translucent to waxy gel with mint odor
<b>PERCENT VOLATILE BY VOLUME:</b>	N.E.		

### SECTION 10 - STABILITY AND REACTIVITY

**STABILITY:** Unstable with heat of contamination causing the liberation of oxygen.  
**CONDITIONS TO AVOID:** Contamination with incompatible materials including rust, dust, or dirt. Overexposure to heat or light.  
**INCOMPATIBILITY (Materials to Avoid):** Most flammables as well as cyanides, nitric acid and most oxidizing and reducing agents.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Contamination or heat may cause self accelerated decomposition.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

### SECTION 11 - TOXICOLOGICAL INFORMATION

**ROUTE OF ENTRY:** Skin contact, eye contact, ingestion.  
**SENSITIZATION:** Not defined.  
**EFFECTS AND SYMPTOMS OF SHORT-TERM EXPOSURE:** Skin: irritation, burning sensation; eyes: irritation; ingestion: irritation  
**CHRONIC EFFECTS AND SYMPTOMS OF LONG-TERM EXPOSURE:** Skin: irritation, burning sensation; eyes: irritation; ingestion: irritation

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### SECTION 12 - ECOLOGICAL INFORMATION

**THE FOLLOWING DATA ARE AVAILABLE FOR A WATER CONDITIONER COMPONENT:**

Water flea Daphnia: EC50 > 10000 mg/L (48 hour, unspecified ria)  
 Phytobacterium phosphoreum: EC50 = 710 mg/L (30 minutes)  
 Microtox test Goldfish: LC50 > 5000 mg/L (24 hour)  
 Unspecified Guppy: LC50 > 1000 mg/L (48 hour, unspecified conditions)

**THE FOLLOWING DATA ARE AVAILABLE FOR A SECOND WATER CONDITIONER COMPONENT:**

LC50 (96 Hr.) rainbow trout = 50-67 mg/L; 12 degrees  
 C LC50 (96 Hr.) goldfish = >5000 mg/L

**PERSISTENCE/DEGRADABILITY:** There is no environmental stability data for any component of this product at this time.

**BIOACCUMULATION/ACCUMULATION:** There is no accumulation data for any component of this product at this time

### SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of container in accordance with local, state and federal guidelines.

### SECTION 14 - TRANSPORT INFORMATION

**ROAD AND RAIL (ADR/RID)**

<b>PROPER SHIPPING NAME:</b>	Oxidizing Liquid, N.O.S. (Hydrogen Peroxide Mixture)
<b>UN NUMBER:</b>	3139
<b>HAZARD CLASS:</b>	5.1
<b>PACKAGING GROUP:</b>	II

**AIR (ICAO/IATA)**

<b>PROPER SHIPPING NAME:</b>	Oxidizing Liquid, N.O.S. (Hydrogen Peroxide Mixture)
<b>UN/NA NUMBER:</b>	3139
<b>PRIMARY HAZARD CLASS/DIVISION:</b>	5.1
<b>PACKAGING GROUP:</b>	II

**VESSEL (IMO/IMDG)**

<b>PROPER SHIPPING NAME:</b>	Oxidizing Liquid, N.O.S. (Hydrogen Peroxide Mixture)
<b>UN/NA NUMBER:</b>	3139
<b>PRIMARY HAZARD CLASS/DIVISION:</b>	5.1
<b>PACKAGING GROUP:</b>	II

### SECTION 15 - REGULATORY INFORMATION

**RCRA (40 CFR 261, Subpart D):** N.A.

**CLEAN WATER ACT:** Contains sodium fluoride which are Section 311 materials.

**CLEAN AIR ACT:** N.A.

**SARA:** Sections 301-304 (Threshold planning quantity - TPQ) 40 CFR 355: The threshold planning quantity (TPQ) for hydrogen peroxide is 1,000 lbs.

**CERCLA:** N.A.

**NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:** Hydrogen peroxide, potassium nitrate, sodium fluoride

**PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:** Glycerin, hydrogen peroxide, potassium nitrate, sodium fluoride

**MASSACHUSETTS SUBSTANCE LIST:** Hydrogen peroxide, potassium nitrate, sodium fluoride

**CANADA WHMIS:** Hydrogen peroxide

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### SECTION 16 - OTHER INFORMATION

#### RELEVANT R-PHRASES AND/OR H-STATEMENTS (NUMBER AND FULL TEXT):

R22: Harmful if swallowed.  
R25: Toxic if swallowed.  
R32: Contact with acids liberates very toxic gas.  
R34: Causes burns.  
R36/37/38: Irritating to eyes, respiratory system and skin.  
R36/38: Irritating to eyes and skin.  
R37/38: Irritating to respiratory system and skin.  
R41: Risk of serious damage to eyes. Skin Irr., Cat. 2: Skin Irritation, Category 2  
H271: May cause fire or explosion; strong oxidizer.  
H272: May intensify fire; oxidizer.  
H301: Toxic if swallowed.  
H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H361: Suspected of damaging fertility or the unborn child.  
H371: May cause damage to organs.  
H373: May cause damage to organs through prolonged or repeated exposure.

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N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

#### FOR DENTAL USE ONLY: Use as directed.

*This 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 other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.*

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