

Dual-Barrel Professional Tooth Whitening Gel

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER

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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

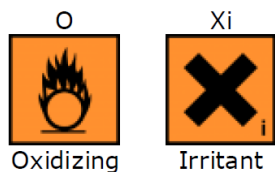
ENVIRONMENTAL: Oxidizing Liquids, Category 1

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.



Dual-Barrel Professional Tooth Whitening Gel

SAFETY DATA SHEET

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.



Dual-Barrel Professional Tooth Whitening Gel

SAFETY DATA SHEET

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

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



Dual-Barrel Professional Tooth Whitening Gel

SAFETY DATA SHEET

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)

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

AIR (ICAO/IATA)

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

VESSEL (IMO/IMDG)

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



Dual-Barrel Professional Tooth Whitening Gel

SAFETY DATA SHEET

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.

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.