

SAFETY DATA SHEETS

This SDS packet was issued with item:

071472745

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071421882

Dual-Barrel Professional Tooth Whitening Gel

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER

GLO Science Inc.
425 Madison Ave, PH
New York, NY 10017
212.497.5175
info@gloscience.com

COMMON NAME: 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 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	%
Propylene Glycol	57-55-6	3.2
Glycerin	56-81-5	12.0
Potassium Hydroxide	1310-58-3	0.8
Hydrogen Peroxide	7722-84-1	18
Potassium Nitrate	7757-79-1	1.0

HAZARD SYMBOLS:

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health	1
Flammability	1
Physical Hazard	0
Protective Equipment	B

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



"O" - Oxidizing



"Xi" - Irritant

R41: Risk of serious damage to eyes.



"T" - Toxic

R25: Toxic if swallowed.

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SECTION 3 - PHYSICAL/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 4 - FIRE AND EXPLOSION DATA

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 5 - REACTIVITY DATA

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 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

EFFECTS OF OVEREXPOSURE: Overexposure by contact may cause mild to severe irritation of burns of skin, eyes and mucos membranes. Splashes in the eye may cause damage with ulceration of the cornea, prolonged contact may cause irreversible eye damage including blindness.
SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.
CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.
INGESTION (Swallowing): Miniscule amount swallowed during proper use should not cause injury. Ingestion of large amount may cause irritation of the upper GI tract with pain and distention of the stomach and esophagus due to the liberation of oxygen.
EMERGENCY FIRST AID PROCEDURES:
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.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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

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SECTION 8 - CONTROL MEASURES

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 - 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

SECTION 10 - 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 11 - TRANSPORT INFORMATION

This product is not hazardous per 49 CFR 172.101, the U.S. Department of Transportation.

PROPER SHIPPING NAME:	Not Regulated
HAZARD CLASS NUMBER and DESCRIPTION:	Not Regulated
UN IDENTIFICATION NUMBER:	Not Regulated
DOT LABEL(S) REQUIRED:	Not Regulated
PACKAGING GROUP:	Not Regulated
NORTH AMERICAN RESPONSE GUIDEBOOK NUMBER (2000):	Not Regulated
MARINE POLLUTANT:	No component is designated as a DOT Marine Pollutant.

SECTION 12 - 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 9 - PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR.

DATE: Oct.10, 2012

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

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