



SAFETY DATA SHEET

Document Number: 130153

Revision Number: 2

Date Revised: 11/18/2010

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: NUPRO® White Gold® 15% Hydrogen Peroxide Tooth Whitening Gel

Product Number: 614058

UN Number: UN2984

UN Dangerous Goods Classification: DOT Hazard Class: 5.1, PGIII, IATA Hazard Class: 5.1, PGIII, IMDG Class: 5.1, PGIII

Product Use: Tooth Whitening Gel

Restrictions on Use: Do not use on persons hypersensitive to hydrogen peroxide or other formula ingredients

Manufacturer/Supplier: DENTSPLY Professional

Manufacturer/Supplier Address: 1301 Smile Way, York, PA 17404

Product Information Telephone Number: 1-800-989-8826 or 717-767-8502

Transit Emergency Contact Telephone Number: 800-424-9300 Chemtrec

Email Address: ProfessionalMSDS@dentsply.com

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview: Causes eye irritation. May cause skin irritation. May be harmful if swallowed.

EU Preparation Classification (1999/45/EC): Harmful (Xn), Irritant (Xi) R22, R41

SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No./EINECS No.	Percent	EC Substance Classification (67/548/EEC)
Hydrogen Peroxide	7722-84-1 / 231-765-0	15	C, O, Xn R5, R8, R20/22, R35

See Section 16 for further information on EU Classification.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with water for at least 15 minutes, holding the eyelids apart. Get immediate medical attention.

Skin Contact: Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops. Launder clothing before re-use.

Ingestion: Do not induce vomiting. If conscious, give 8 ounces of water to dilute. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

Inhalation: Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention if irritation persists.

SECTION 5 – FIRE FIGHTING PROCEDURES

Extinguishing Media: Use water to extinguish fire. Cool fire exposed containers and structures with water.

Firefighting Procedures: Firefighters should wear full emergency equipment and approved positive pressure, self-contained breathing apparatus.

Unusual Fire/Explosion Hazards: None known.

Known or Anticipated Hazardous Products of Combustion: Oxygen and water.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing as described in Section 8. Collect using an inert non-combustible absorbent material and place in appropriate containers for disposal. Rinse spill area with water. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid contact with the eyes, skin and clothing. Avoid breathing mists. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep away from flammable and combustible materials.

Do not reuse containers. Empty containers retaining product residues can be hazardous. Follow all MSDS precautions when handling empty containers.

Storage: Store in a cool, dry, well ventilated area. Avoid exposure to light. Recommended storage is refrigeration.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits:

Hydrogen Peroxide	1 ppm TWA OSHA PEL 1 ppm TWA ACGIH TLV 0.5 ppm TWA DFG MAK 1 ppm TWA UK WEL, 2 ppm STEL
-------------------	--

Engineering Controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.

Personal Protective Equipment:

Eye Protection: Chemical safety goggles should be worn where splashing is possible.

Skin Protection: Wear impervious gloves such as natural rubber.

Respiratory Protection: None required under normal use conditions. If the exposure limits are exceeded, an approved supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Other Protective Clothing or Equipment: Impervious clothing as needed to avoid contamination of personal clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear to slightly translucent gel with a minty odor.

Boiling Point: Not available

Freezing Point: Not available

Solubility in Water: 100%

Vapor Pressure (mmHg): Not available

Melting Point: Not available

Specific Gravity: 1.1

pH: 5.0-6.0

Vapor Density: Not available

Evaporation Rate: Not available
% Volatile by Volume: Not available
Flammable Limits in Air: Not available

Viscosity: >3000,000 cps
Flashpoint: Not flammable
Autoignition Temperature: Not available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid excessive heat.

Incompatibility with Other Materials: Avoid acid, bases, metal powders and combustible materials.

Hazardous Decomposition Products: Oxygen and water.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eyes: Direct contact may cause severe irritation with redness, pain and tearing with possible corneal damage.

Skin: May cause irritation with redness and pain. Prolonged contact may cause bleaching of the skin.

Ingestion: Swallowing large amounts may cause gastrointestinal irritation, stomach distention, nausea, vomiting and diarrhea.

Inhalation: No adverse effects are expected under normal use conditions.

Chronic Health Effects: None known.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the European Substances Directive.

Medical Conditions Aggravated by Exposure: Individuals with pre-existing eye or skin disease may be at increased risk from exposure.

Acute Toxicity Data:

Hydrogen Peroxide: Oral rat LD50 >225 mg/kg; Skin rabbit >6.5 g/kg; Inhalation rat LC50 >0.17 mg/L

SECTION 12 – ECOLOGICAL INFORMATION

Hydrogen Peroxide

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose in accordance with national and local regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT Shipping Name: Hydrogen Peroxide Solution

DOT Hazard Class: 5.1, PGIII

UN Number: UN2984

DOT Labels Required (49CFR172.101): Oxidizer

IATA Shipping Name: Hydrogen Peroxide Solution

IATA Hazard Class: 5.1, PGIII

UN Number: UN2984

IATA Hazard Labels Required: Oxidizer

IMDG Shipping Name: Hydrogen Peroxide Solution

IMDG Class: 5.1, PGIII

UN Number: UN2984

IMDG Label: Oxidizer

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: Acute Health, Fire Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None.

Section 302 Extremely Hazardous Substances (TPQ): Hydrogen Peroxide

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

U.S. STATE REGULATIONS:

California Proposition 65: This product contains the following chemicals known to the State of California to cause cancer, birth defects or other reproductive harm: None.

INTERNATIONAL REGULATIONS:

Canadian WHMIS Classification: Cosmetics are not subject to WHMIS.

European Community Labeling: Hydrogen Peroxide



Harmful

R22 Harmful if swallowed.

R41 Risk of serious damage to eyes.

S/25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention

S46 If swallowed, seek medical advice immediately and show this container or label.

S39 Wear eye/face protection

SECTION 16 – OTHER INFORMATION

HMIS Hazard Rating:

Health –2 Fire Hazard – 0 Reactivity – 1

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

C Corrosive

O Oxidizer

Xi Irritant

Xn Harmful

R5 Heating may cause an explosion.

R8 Contact with combustible material may cause fire.

R20/22 Harmful by inhalation and if swallowed.

R22 Harmful if swallowed.

R35 Causes severe burns.

R41 Risk of serious damage to eyes.