

**MATERIAL SAFETY DATA SHEET**

Product Trade Name: **DENTAL BLEACHING GEL  
"NIVEOUS"**

**SECTION I**

Manufacturer's Name: **SHOFU DENTAL CORP**  
Address: **1225 STONE DRIVE  
SAN MARCOS, CA 92069**  
Emergency phone number: **1-800-535-5053**  
Phone number for information: **(760) 736-3277**  
Date Prepared: **3/21/2001**

**SECTION II - Hazardous Ingredients Identity Information**

Hazardous Components	CAS#	OSHA PEL %	ACGIH TLV PEL	OTHER LIMITS TLV
<b>Hydrogen Peroxide</b>	<b>7722-841</b>	<b>30-35</b>	<b>1ppm</b>	<b>1ppm</b>

**No carcinogenicity designated by NTP, IARC, OSHA or others.**

**SECTION III - Physical/ Chemical Characteristics**

Boiling Point:	<b>220-237F (104-113C)</b>	Specific Gravity: (H2O =1)	<b>1.1-1.2</b>
Vapor Pressure:	<b>18-27 @ 85%</b>	Melting Point:	<b>N/A</b>
Vapor Density: (AIR=1)	<b>1</b>	Evaporation rate: (Butyl Acetate=1)	<b>Greater than 1</b>
Solubility in water:	<b>Complete</b>		<b>pH. 3 - 4</b>
Appearance and odor:	<b>Clear, yellow, slightly pungent</b>		

**SECTION IV - Fire and Explosion Hazard Data**

Flash point (method used) **Non-flammable**  
Flammability (explosive limits)  
LEL: **None** UEL: **None**  
Extinguishing media: **Use water only to fight fires in which this material is involved. Apply large amounts of water for cooling and dilution.**  
Special fire fighting procedures:  
Unusual fire and explosion hazards:

**SECTION V - Reactivity Data**

Stability: **Product stable when cold.** Unstable: **When heated** Stable: **When cold**  
Conditions to avoid: **Heat**  
Incompatibility (materials to avoid) **Heavy metals, heavy metal ion / salts, rust, alkali, organic material, reducing agents, dust and dirt.**  
Hazardous decomposition or byproducts: **Can include oxygen, which will promote the combustion of flammable material.**  
Hazardous polymerization May occur: Will not occur: **X**  
Conditions to avoid (polymerization):

**SECTION VI - Health Hazard Data**

Route(s) of entry: Inhalation?: **No** Skin?: **Yes** Ingestion?: **Yes**  
Health hazards (acute and chronic) **Severe irritation to eyes and skin.**  
Carcinogenicity: NPT? **No** IARC Monographs? **No**  
Signs and symptoms of exposure:  
Medical conditions generally aggravated by exposure: **Unknown** OSHA Regulated? **No**  
Emergency first aid procedures: **Eyes and skin: Flush with large amounts of water for 15 minutes.**  
**Ingestion: Drink lots of water, don't induce vomiting - seek medical help.**

**SECTION VII - Precautions for safe handling use**

Steps to be taken in case material is released or spilled:  
**For small quantities, used in dental practice, wipe-off with tissue.**  
Waste disposal methods:  
**For small quantities, wash down sink.**  
Precautions to be taken in handling and storage:  
**Wear rubber gloves and safety glasses. Store in a cool place.**

Other precautions:

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**To be handled by dental specialist according to instructions.**

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**SECTION VIII - Control Measures**

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Respiratory protection:

Ventilation:

Protective Gloves:

**Wear chemical-resistant rubber gloves.**

Eye Protection:

**Safety goggles or face shield.**

Other protective clothing or equipment:

**If skin contact or contamination of clothing is possible, chemical-**

**resistant clothing must be worn.**

Work/ Hygienic practices:

**General good practice.**

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