

MATERIAL SAFETY DATA SHEET

September 20, 2002

Page 1 of 3

Section 1. Product And Company Identification

PRODUCT #: NR-129, NR-112, NR-150

PRODUCT NAME: 10% Carbamide Peroxide Teeth Bleaching Gel in pre-filled syringes for patient kits (129) , touch-up kits (112), and bulk packs (150)

COMMON OR CHEMICAL NAME: 10% Bleaching/ Whitening Gel

Nu Radiance, Inc.
795 Coronis Way
Green Bay, WI 54304
USA

Contact Telephone Number
920-965-0953

Section 2. Composition/ Information On Ingredients

Product Contents: 10% Carbamide Peroxide Bleaching/ Whitening Gel

Components Containing Hazardous Ingredients: Urea Hydrogen Peroxide (see below)

Hazardous Ingredients: Urea Hydrogen Peroxide

Proper Shipping Name: Urea Hydrogen Peroxide

CAS: 124-43-6

UN Designation UN-1511

Class: 5.1, Corrosive, Oxidizer

Packing Group: III

HAZARDOUS DATA

Health: 2

Flammability: 0

Reactivity: 2

Hazardous Data legend

4 - Extreme

3 - High

2 - Moderate

1 – Slight

0 - Insignificant

Section 3. Hazards Identification

For potential health hazards: SEE Section 11

Possibility of spontaneous decomposition resulting in generation of molecular and atomic (radical) oxygen.

Section 4. First Aid Measures

Inhalation: No harm anticipated from materials in quantities as commercially packaged

Skin Contact: Wash with soap and water

Eye Contact: Flush with copious amounts of water. Seek medical attention if irritation or disturbance in vision occurs.

Ingestion: Drink large quantities of water. Seek medical attention if substantial amounts are ingested or discomfort persists.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media: Water: non-flammable

Extinguishing Media, which should not be used: Not Applicable

Special exposure hazards from combustion products: None

Special protective equipment for fire fighters: None

Section 6. Accidental Release Measures

Personal Precautions: Avoid contact with skin or eyes. Wash hands with soap and water if contact occurs.

Environmental Precautions: Dispose of in accordance to all federal, state and local regulations.

Methods for Clean Up: Wash with water.

Section 7. Handling And Storage

Handling Precautions: Avoid prolonged exposure to temperature above 30 degrees C

Safe Storage Conditions: Store on study shelves and avoid exposure to elevated temperatures.

Other Restrictions or Recommendations: Avoid exposure to elevated temperatures.

Section 8. Exposure Controls/ Personal Protection

Respiratory Protection & Ventilation: Not Required.

Protective Clothing or Equipment: Not required under normal handling

Unusual Work/ Hygienic Practices: Avoid prolonged contact with skin: wash with soap and water.

Section 9. Physical And Chemical Properties

Appearance: Semi-translucent gel *Odor:* None

pH: Not applicable

Boiling Point/Range above: 120 Degree C at 20 mm Hg

Melting Point/Range: Not applicable *Flash Point:* Not applicable

Auto-Ignition Temperature: Not applicable *Flammability:* No

Explosive Limits in Air: Not applicable *Oxidizing Properties:* Strong oxidizer

Vapor Pressure (mm Hg): 0.33 Po at 50 degree C

Vapor Density (Air=1): Not applicable *Specific Gravity (H2O=1):* 1.25

Solubility in Water: Substantially soluble

Reactivity in Water: Not reactive *Other Data:* None

Section 10. Stability And Reactivity

Stability: Generally stable.

Conditions of Instability: Avoid prolonged exposure to temperatures above 30 degrees C

Incompatibility with various Substances: Alkaline substances.

Hazardous Decomposition Products: Acrolein (when exposed to high temperatures) and oxygen.

Hazardous Polymerization: None in quantities as packaged

Conditions to Avoid: Avoid exposures to temperatures above 30 degrees C and contact with alkaline substances.

Section 11. Toxicological Information

Potential Acute Health Effects: Possibility of skin irritation or sensitization if not washed off promptly. Possible nausea, diarrhea, abdominal pains.

Potential Chronic Health Effects: Possibility of skin sensitization or irritation upon or repeated exposure.

Signs and symptoms of Exposure: Skin/eye irritation

Medical Conditions Generally Aggravated by Exposure: None known

Carcinogenic or Potential Carcinogenic Effects: No ingredient listed as a carcinogen

Other Potential Health Effects: None Known

Section 12. Ecological Information

No ecological damage or impact anticipated upon exposure to the environment in quantities as packaged.

Section 13. Disposal Considerations

Waste Disposal: Dispose in accordance with all federal, state and local regulations

Section 14. Transport Information

UN Classification: Not applicable.

Identification: Not applicable

Special Provisions for Transport: Avoid elevated temperatures and high intensity light.

Section 15. Regulatory Information

U.S. FDA Dental Device: Not classified as a medical device

EC Medical Device Directive: Not a classified as a medical device.

Section 16. Other Information

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling and storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.