SAFETY DATA SHEET

LaserWhite20 Base Gel Activator

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: LaserWhite20 Base Gel Activator

PRODUCT DESCRIPTION: Dental bleaching gel activator

PRODUCT CODE: XN

DISTRIBUTOR Biolase Technology, Inc. 4 Cromwell Irvine, CA 92618	**24 HR. EMERGENCY TELEPHONE NUMBERS** **CHEMTREC (NORTH AMERICA) :**(800) 424 – 9300 **(INTERNATIONAL) :**+1(703) 527 - 3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Potassium Hydroxide	01310-58-3	215-181-3	C; R34	13

(Full text of R-Phrases can be found under heading 16)

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"C" - Corrosive

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Viscous substance

IMMEDIATE CONCERNS: Corrosive. Will cause eye burns and permanent tissue damage.

POTENTIAL HEALTH EFFECTS

EYES: Causes severe eye burns.

SKIN: Corrosive, causes skin burning.

INGESTION: Harmful if swallowed.

INHALATION: Move to fresh air, if inhaled.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

INGESTION: Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

FIRE FIGHTING EQUIPMENT: Water spray, fog, or mist, foam, dry chemical, carbon dioxide.

COMMENTS: Do not use strong water jet for extinguishing - may cause spattering of burning material.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills immediately, observing precautions in Protective Equipment section.

LARGE SPILL: Collect in tightly closed containers.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow to enter sewers or drains that may lead to waterways.

SPECIAL PROTECTIVE EQUIPMENT: S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing.

HANDLING: Use suitable protective equipment.

STORAGE: Room Temperature

STORAGE TEMPERATURE: 15°C Minimum to 25°C Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: S51: Use only in well-ventilated areas.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Gel

ODOR: Odorless or no characteristic odor

COLOR: Purple

PHYSICAL STATE COMMENTS: Mostly soluble in water

pH: 13 to 14

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable.

CONDITIONS TO AVOID: Heat, moisture, incompatibles.

INCOMPATIBLE MATERIALS: Acids, flammable liquids, organic halogen compounds, trichloroethylene, nitromethane, aluminum, tin, zinc.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD_{50}: 173 mg/kg (rat)

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Readily biodegradable.

DISTRIBUTION: Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Corrosive liquid, N.O.S. (Potassium Hydroxide Mixture)

UN NUMBER: 1760

HAZARD CLASS: 8

CLASSIFCATION CODE: C

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Corrosive liquid, N.O.S. (Potassium Hydroxide Mixture)

UN/NA NUMBER: 1760

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: II

VESSEL (IMO/IMDG)

SHIPPING NAME: Corrosive liquid, N.O.S. (Potassium Hydroxide Mixture)

UN/NA NUMBER: 1760

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: II

LIMITED QUANTITY: 0.5 Liter

15. REGULATORY INFORMATION

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION

"C" - Corrosive
R35: Causes severe burns.

16. OTHER INFORMATION

RELEVANT R-PHRASES: R34: Causes burns.

MANUFACTURER DISCLAIMER: FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Biolase Technology, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.