SAFETY DATA SHEET
LUMINESCENCE® PLUS

1. IDENTIFICATION

PRODUCT NAME: LUMINESCENCE® PLUS - DENTAL POLISHING PASTE
PREMIER® DENTAL PRODUCTS COMPANY
1710 ROMANO DRIVE
PLYMOUTH MEETING, PA 19462
PHONE: 610-239-6000   FAX: 610-239-6171
EMERGENCY PHONE: 610-239-6000

RECOMMENDATIONS FOR USE: POLISHING PASTE FOR DENTAL RESTORATIVE MATERIALS
RESTRICTIONS FOR USE: NO KNOWN RESTRICTIONS

2. HAZARDS IDENTIFICATION

ACUTE HEALTH EFFECTS: POSSIBLE IRRITATION OF THE EYES FROM ABRASION OF THE DIAMOND IF EXPOSED TO THE EYES. THERE ARE NO OTHER KNOWN ACUTE HEALTH EFFECTS FROM NORMAL USE AND EXPOSURE

CHRONIC HEALTH EFFECTS: THERE ARE NO KNOWN CHRONIC HEALTH EFFECTS FROM NORMAL USE AND EXPOSURE.

CARCINOGENIC EFFECTS: CLASSIFIED AS 4 (NOT CLASSIFIABLE FOR HUMAN OR ANIMAL)

MUTAGENIC EFFECTS: NONE

TETRATOGENIC EFFECTS: NONE

DEVELOPMENTAL TOXICITY: NONE

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>COMMON NAME</th>
<th>Y/N</th>
<th>CAS #</th>
<th>OSHA PEL</th>
<th>TLV</th>
<th>CARCINOGEN</th>
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</thead>
<tbody>
<tr>
<td>GLYCEROL</td>
<td>GLYCERIN</td>
<td>N</td>
<td>56-81-5</td>
<td>***</td>
<td>***</td>
<td>N/CLASS 4</td>
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<tr>
<td>INDUSTRIAL</td>
<td>DIAMOND</td>
<td>N/A</td>
<td>7782-40-3</td>
<td>***</td>
<td>***</td>
<td>N/CLASS 4</td>
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<tr>
<td>FOODGRADE COMPONENTS</td>
<td></td>
<td>N/A</td>
<td>***</td>
<td>***</td>
<td>***</td>
<td>N/CLASS 4</td>
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<tr>
<td>POTASSIUM NITRATE</td>
<td></td>
<td>N/A</td>
<td>7757-79-1</td>
<td>***</td>
<td>***</td>
<td>N/CLASS 4</td>
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COMPOSITION IS PROPRIETARY.

4: FIRST AID MEASURES

EYES: FLUSH EYES FOR 15 MINUTES AND SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. WEAR EYE PROTECTION DURING USE OF THIS PRODUCT.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: USE OF A RESPIRATOR WILL PREVENT ANY ACCIDENTAL INHALATION OF PRODUCT.

INGESTION: THERE ARE NO KNOWN EFFECTS FROM INGESTION.

5. FIRE, EXPLOSION DATA AND MEASURES

FLAMMABILITY: NON - FLAMMABLE
AUTO-IGNITION: NOT APPLICABLE
FLASH POINT: NOT APPLICABLE
FLAMMABLE LIMITS: LEL: NOT APPLICABLE       UEL: NOT APPLICABLE
PRODUCTS OF COMBUSTION: STANDARD PRODUCTS OF COMBUSTION I.E. CARBON MONOXIDE, CARBON DIOXIDE, ETC. FROM SURROUNDING FIRE

EXTINGUISHING MEDIA: IN PRESENCE OF FIRE USE WATER
SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:
ALWAYS WEAR SELF-CONTAINED BREATHING APPARATUS ON POSITIVE PRESSURE. USE WATER TO KEEP MATERIAL IN OR NEAR FIRE COOL. AVOID ANY BODILY CONTACT WITH SUBSTANCE OR WATER FROM FIRE FIGHTING. WATER FROM FIRE FIGHTING SHOULD BE CONTAINED AND DISPOSED PER INSTRUCTIONS IN SECTION 12.

6. ACCIDENTAL RELEASE MEASURES
IN CASE OF SPILL OR RELEASE: ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT (PPE) PER SECTION 8. PROVIDE ADEQUATE VENTILATION TO THE AREA OF THE SPILL. USE APPROPRIATE TOOLS TO CLEAN UP AS MUCH OF THE SPILL AS POSSIBLE AND PLACE SOLIDS IN A WASTE CONTAINER FOR DISPOSAL. COMPLETE CLEAN UP BY MOPPING AND COLLECT ALL MOP WATER FOR PROPER DISPOSAL. DISPOSE OF ALL WASTES IN ACCORDANCE TO FEDERAL, STATE OR LOCAL GUIDELINES.

7. HANDLING AND STORAGE
HANDLING: USE NORMAL PRECAUTIONS TO PREVENT SPILLING AND CONTAMINATION OF SURROUNDING AREA. GLYCEROL CAN BE EXTREMELY SLIPPERY ON SURFACES AND FLOORS.
STORAGE: STORE ON COOL, DRY LOCATION

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
ENGINEERING CONTROLS: USE UNIVERSAL PROTECTION FOR BODILY FLUIDS.

PERSONAL PROTECTIVE EQUIPMENT DURING USE
EYE PROTECTION: SAFETY GLASSES OR FACE SHIELD
RESPIRATORY PROTECTION: DUST MASK TO PREVENT INHALATION OF MISTS DURING USE.
SKIN PROTECTION: APPROPRIATE GLOVES

PERSONAL PROTECTIVE EQUIPMENT (PPE) DURING ACCIDENTAL SPILL
EYE PROTECTION: PROTECTIVE GLASSES OR FACE SHIELD
RESPIRATORY PROTECTION: NO SPECIAL RESPIRATORY PROTECTION IS NEEDED FOR SPILL CLEAN UP
SKIN PROTECTION: APPROPRIATE GLOVES

IN CASE OF SPILL OBSERVE ANY ALL GUIDELINES PER ACGIH/TLV WHEN SELECTING PPE

9. PHYSICAL AND CHEMICAL PROPERTIES
APPEARANCE: LUMINESCENCE® PLUS – GRAY
PHYSICAL STATE: PASTE
ODOR: ODORLESS
SOLUBILITY: COMPLETELY SOLUBLE IN WATER
pH: NOT APPLICABLE
BOILING POINT: NOT APPLICABLE
VISCOSITY: NOT APPLICABLE
FLASH POINT: NOT APPLICABLE
AUTO IGNITION: NOT APPLICABLE

10. STABILITY AND REACTIVITY
STABILITY: STABLE UNDER NORMAL CONDITIONS
CONDITIONS TO AVOID: NONE KNOWN
MATERIAL TO AVOID: NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS: NOT APPLICABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION
ROUTES OF ENTRY: INHALATION, INGESTION
SPECIAL REMARKS ON ACUTE EFFECTS ON HUMANS AS PASTE: NONE KNOWN

12. ECOLOGICAL INFORMATION
ECOTOXICITY: NON-TOXIC
BOD AND COD: NOT AVAILABLE
13. DISPOSAL
DISPOSE OF UNUSED PASTE ACCORDING TO FEDERAL, STATE OR LOCAL LAWS. EMPTY CONTAINERS MAY CONTAIN TRACE AMOUNTS OF PASTE SHOULD BE TREATED ACCORDINGLY.

14. TRANSPORT INFORMATION
THIS PRODUCT IS NOT REGULATED BY DOT.

15. REGULATORY INFORMATION

**HAZ COM 29CFR 1910.1200**: DIAMOND CRYSTALS MAY IRRITATE EYES
**SARA 313**: NOT REPORTABLE

<table>
<thead>
<tr>
<th>HMIS (USA)</th>
<th>NFPA (USA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH HAZARD: 0</td>
<td>HEALTH HAZARD: 0</td>
</tr>
<tr>
<td>FIRE HAZARD: 0</td>
<td>FIRE HAZARD: 0</td>
</tr>
<tr>
<td>REACTIVITY: 0</td>
<td>REACTIVITY: 0</td>
</tr>
<tr>
<td>PPE: E</td>
<td>PPE: GLOVES, LAB COAT, BOOTS, GLASSES LUNETTES</td>
</tr>
</tbody>
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16. OTHER INFORMATION
PREMIER’S REVISION DATE: 11/17/2015
REVISION NUMBER: 7

LUMINESCENCE® PLUS - DENTAL POLISHING PASTE IS SOLD FOR PROFESSIONAL USE ONLY.

SUPPLIER’S NUMBER: 013013

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