MATERIAL SAFETY DATA SHEET

TRADE NAME: LUMIBRITE DESENSITIZING GEL - CN

CHEMICAL NAME:

- Potassium nitrate: 5%
- Potassium phosphate: 10-15%

I. PHYSICAL DATA

- BOILING POINT (°C): N/A
- MELTING POINT: N/A
- SPECIFIC GRAVITY (H₂O=1): 1.2
- VAPOR PRESSURE (20°C): NE
- VAPOR DENSITY (Air=1): NE
- SOLUBILITY IN WATER: Complete
- EVAPORATION RATE (Butyl Acetate=1): NE
- APPEARANCE AND ODOR: Translucent gel; odor-free

II. HAZARDS IDENTIFICATION

HAZARDOUS COMPOUND(S)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>Toxicological Information</th>
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</thead>
<tbody>
<tr>
<td>Potassium nitrate</td>
<td>7757-79-1</td>
<td>LD₅₀ (rat - oral) 3750 mg/kg</td>
</tr>
<tr>
<td>Potassium phosphate</td>
<td>7778-77-0</td>
<td>LD₅₀ (rabbit – skin) &gt;4640 mg/kg</td>
</tr>
</tbody>
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III. FIRE AND EXPLOSION HAZARD DATA

- FLASH POINT (°C): N/A
- EXTINGUISHING MEDIA: Chemical foam, CO₂, dry chemicals, water spray.
- SPECIAL FIRE EXTINGUISHING PROCEDURES: Use self-contained breathing equipment
- UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A
- LEL EXPLOSIVE LIMITS: NE
- VEL EXPLOSIVE LIMITS: NE
IV. HEALTH HAZARDS AND FIRST AID PROCEDURES

INHALATION: Not applicable.

SKIN: Wash with soap and water.

EYES: Flush with water for at least 15 minutes and consult physician.

INGESTION: If large quantities are consumed, consult physician immediately.

CARCINOGENICITY: None known or anticipated

Chronic Exposure: May sequester calcium and cause calcium phosphate deposits in the kidneys.

V. REACTIVITY DATA

STABILITY: Stable. Keep away from heat and water.

INCOMPATIBILITY: Acetone, ethers, water and acids.

HAZARDOUS DECOMPOSITION: Toxic oxides of carbon and nitrogen compounds are emitted.

HAZARDOUS POLYMERIZATION: No data available.

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wipe with absorbent towel.

WASTE DISPOSAL METHOD: Dispose according to government regulations.

EMERGENCY PHONE NUMBER: (805) 922-8491

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