

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075802160

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071039015 071039031 071039049 075806500 075806609



# MATERIAL SAFETY DATA SHEET

8400 Green Meadows Dr.  
P.O. Box 545  
Lewis Center, OH 43035  
P: 740.548.4100  
F: 740.548.7616

## SECTION 1: PRODUCT AND EMERGENCY CONTACT INFORMATION

**MATERIAL NAME:** LUMINESCENCE PLUS™ - DENTAL POLISHING PASTE

**PRODUCT CODES:** LUMINESCENCE PLUS™ – CFMPSSG5005

**EMERGENCY CONTACTS:** NORTH AMERICA (24 HRS) – CHEMTREC 1 (800) 424-9300  
OUTSIDE NORTH AMERICA (COLLECT) – 1 (703) 527-3887

**NON – EMERGENCY CONTACT:** 1 (740) 548-4100 (8:00 AM – 5:00 PM EST)

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>REG.</u> Y/N	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH</u> TLV	<u>CARCINOGEN</u>
GLYCEROL	GLYCERIN	N	56-81-5	N/A	N/A	N/CLASS 4
INDUSTRIAL DIAMOND	N/A	N	7782-40-3	N/A	10.0 (PNOG)	N/CLASS 4
FOOD GRADE COMPONENTS	N/A	N	N/A	N/A	N/A	N/CLASS 4
POTASSIUM NITRATE	N/A	N	7757-79-1	N/A	N/A	N/CLASS 4

THE COMPOSITION OF THESE COMPOUNDS IS PROPRIETARY.



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## **SECTION 3: HAZARDS IDENTIFICATION**

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**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 CHRONIC HEALTH EFFECTS FROM NORMAL USE AND EXPOSURE.

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

**MUTAGENIC EFFECTS – NONE**

**TETRAOGENIC EFFECTS – NONE**

**DEVELOPMENTAL TOXICITY – NONE**

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## **SECTION 4: FIRST AID MEASURES:**

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**EYE CONTACT:** FLUSH THE 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 CONTACT:** USE OF A RESPIRATOR WILL PREVENT ANY ACCIDENTAL INHALATION OF PRODUCT.

**INGESTION CONTACT:** THERE ARE NO KNOWN EFFECTS FROM INGESTION



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## SECTION 5: FIRE, EXPLOSION DATA AND MEASURES

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**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**.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**IN CASE OF SPILL OR RELEASE:** ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT PER SECTION 8. PROVIDE ADEQUATE VENTILATION TO THE AREA OF THE SPILL. AVOID RAISING DUST DURING THE CLEAN UP PROCESS. USE APPROPRIATE TOOLS TO CLEAN UP AS MUCH OF THE SPILL AS POSSIBLE AND PLACE SOLIDS IN A WASTE DISPOSAL CONTAINER. COMPLETE THE CLEAN UP BY MOPPING UP THE REMAINING DUST AND DEBRIS. COLLECT ALL MOP WATER AND DRY MATERIAL AND DISPOSE OF IN ACCORDANCE TO FEDERAL, STATE OR LOCAL GUIDELINES FOR THIS MATERIAL.



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## **SECTION 7: HANDLING AND STORAGE**

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**HANDLING:** USE NORMAL PRECAUTIONS TO PREVENT SPILLING AND CONTAMINATION OF SURROUNDING AREA. GLYCEROL COULD BE VERY SLIPPERY ON SURFACES AND FLOORS.

**STORAGE:** STORE IN COOL DRY LOCATION

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## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:** USE UNIVERSAL PROTECTION FOR WORKING WITH BODILY FLUIDS.

**PERSONAL PROTECTIVE EQUIPMENT (PPE) DURING POLISHING PROCESS**

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SHIELDS ARE RECOMMENDED.

**RESPIRATORY PROTECTION:** DUST RESPIRATOR DURING THE MIXING PROCESS TO PREVENT INHALATION OF MISTS

**SKIN PROTECTION:** APPROPRIATE GLOVES

**PERSONAL PROTECTIVE EQUIPMENT IN CASE OF ACCIDENTAL SPILL**

**EYE PROTECTION:** DUST AND MIST PROTECTIVE GOGGLES OR FACE SHIELD

**RESPIRATORY PROTECTION:** NO SPECIAL RESPIRATORY PROTECTION IS NEEDED FOR CLEAN UP OF SPILL.

**SKIN PROTECTION:** GLOVES.

**IN CASE OF SPILL OBSERVE THE ACGIH TLV VALUES WHEN SELECTING THE APPROPRIATE PPE.**



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**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

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** STABLE UNDER NORMAL CONDITIONS

**CONDITIONS TO AVOID:** NONE KNOWN

**MATERIALS TO AVOID:** NONE KNOWN

**HAZARDOUS DECOMPOSITION PRODUCTS:** NOT APPLICABLE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**ROUTES OF ENTRY:** INHALATION, INGESTION

**TOXICITY:** NON-TOXIC

**SPECIAL REMARKS ON ACUTE EFFECTS ON HUMANS AS PASTE:** NONE KNOWN

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOTOXICITY:** NON-TOXIC  
**BOD AND COD:** NOT AVAILABLE

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## SECTION 13: DISPOSAL CONSIDERATIONS

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DISPOSE OF UNUSED POWDER ACCORDING TO FEDERAL, STATE OR LOCAL LAWS. EMPTY CONTAINERS MAY CONTAIN TRACE AMOUNTS OF PASTE AND SHOULD BE TREATED AS WASTE.

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## SECTION 14: TRANSPORT INFORMATION

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THIS PRODUCT IS NOT A DOT CONTROLLED MATERIAL.

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## SECTION 15: REGULATORY INFORMATION

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**29CFR 1910.1200 HAZ COM:** DIAMOND CRYSTALS MAY IRRITATE EYES

**SARA 313:** NOT REPORTABLE

### HMIS (USA)

HEALTH HAZARD: 0

FIRE HAZARD: 0

REACTIVITY: 0

PPE: E

### NFPA (USA)

HEALTH HAZARD: 0

FIRE HAZARD: 0

REACTIVITY: 0

PPE: GLOVES, LAB COAT, BOOTS, GLASSES



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## SECTION 16: OTHER INFORMATION

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LUMINESCENCE PLUS™ - DENTAL POLISHING PASTE ARE SOLD FOR PROFESSIONAL USE ONLY.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PARTY PERSONS PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE MATERIAL SAFETY DATA SHEET.

ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PARTY PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THIS MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED.

FUTHERMORE, VENDEE ASSUMES THE RISK IN USE OF THIS MATERIAL.

<u>CREATION DATE</u>	<u>CREATED BY</u>	
06/21/2011	D. ANDERSON	
<u>REVISION DATE</u>	<u>REVISED BY</u>	<u>REASON FOR REVISION</u>

061163Rev5



# **SAFETY DATA SHEET**

## **LUMINESCENCE® PLUS**

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### **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**

		<b>SARA 313</b>			<b>ACGIH</b>	
<b>CHEMICAL NAME</b>	<b>COMMON NAME</b>	<b>Y/N</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>TLV</b>	<b>CARCINOGEN</b>
GLYCEROL	GLYCERIN	N	56-81-5	***	***	N/CLASS 4
INDUDTRIAL DIAMOND	N/A	N	7782-40-3	***	***	N/CLASS 4
FOODGRADE COMPONENTS	N/A	N	***	***	***	N/CLASS 4
POTASSIUM NITRATE	N/A	N	7757-79-1	***	***	N/CLASS 4

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 ACIDENTAL 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 APPICABLE  
**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

**HMIS (USA)**

HEALTH HAZARD: 0

FIRE HAZARD: 0

REACTIVITY: 0

PPE: E

**NFPA (USA)**

HEALTH HAZARD: 0

FIRE HAZARD: 0

REACTIVITY: 0

PPE: GLOVES, LAB COAT, BOOTS, GLASSES  
LUNETTES

**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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The information contained herein is based on our present knowledge. However, this information shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Premier Dental Products Company makes no warranties, express or implied with respect to, and assumes no responsibility or liability for, the accuracy or completeness of the information contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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