

# 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™ - DENTAL POLISHING PASTE

**PRODUCT CODES:** LUMINESCENCE™ – CFMPSSG3005

**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

		REG.			ACGIH	
<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>Y/N</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>TLV</u>	<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 (PNOC)	N/CLASS 4
FOOD GRADE COMPONENTS	N/A	N	N/A	N/A	N/A	N/CLASS 4

THE COMPOSITION OF THESE COMPOUNDS IS PROPRIETARY.

---

## **SECTION 3: 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 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

---

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

---

**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

---

## SECTION 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**.

---

## SECTION 6: ACCIDENTAL RELEASE MEASURES

---

**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.

---

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

---

**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

---

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

---

**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.**

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

<b>APPEARANCE:</b>	LUMINESCENCE™ – GRAY
<b>PHYSICAL STATE:</b>	PASTE
<b>ODOR:</b>	ODORLESS
<b>SOLUBILITY:</b>	COMPLETELY SOLUBLE IN WATER
<b>PH:</b>	NOT APPLICABLE
<b>BOILING POINT:</b>	NOT APPLICABLE
<b>VISCOSITY:</b>	NOT APPLICABLE
<b>FLASH POINT:</b>	NOT APPLICABLE
<b>AUTO IGNITION:</b>	NOT APPLICABLE

---

## SECTION 10: STABILITY AND REACTIVITY

---

<b>STABILITY:</b>	STABLE UNDER NORMAL CONDITIONS
<b>CONDITIONS TO AVOID:</b>	NONE KNOWN
<b>MATERIALS TO AVOID:</b>	NONE KNOWN
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	NOT APPLICABLE
<b>HAZARDOUS POLYMERIZATION:</b>	WILL NOT OCCUR

---

## SECTION 11: TOXICOLOGICAL INFORMATION

---

<b>ROUTES OF ENTRY:</b>	INHALATION, INGESTION
<b>SPECIAL REMARKS ON ACUTE EFFECTS ON HUMANS AS PASTE:</b>	NONE KNOWN

---

## SECTION 12: ECOLOGICAL INFORMATION

---

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

---

## SECTION 13: DISPOSAL CONSIDERATIONS

---

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

---

## SECTION 14: TRANSPORT INFORMATION

---

THIS PRODUCT IS NOT A DOT CONTROLLED MATERIAL.

---

## SECTION 15: REGULATORY INFORMATION

---

<b>29CFR 1910.1200 HAZ COM:</b>	DIAMOND CRYSTALS MAY IRRITATE EYES
<b>SARA 313:</b>	NOT REPORTABLE
<b>HMIS (USA)</b>	<b>NFPA (USA)</b>
HEALTH HAZARD: 0	HEALTH HAZARD: 0
FIRE HAZARD: 0	FIRE HAZARD: 0
REACTIVITY: 0	REACTIVITY: 0
PPE: E	PPE: GLOVES, LAB COAT, BOOTS, GLASSES

---

## SECTION 16: OTHER INFORMATION

---

LUMINESCENCE™ - 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>

061163Rev4