



**SAFETY DATA SHEET**

**Section 1. Product And Company Identification**

**Product Name:** Luster Paste

**Product Use:** Dental Polish

**Manufacturer:** Kerr Corporation  
1717 W. Collins Avenue  
Orange, CA 92867-5422  
U.S.A.

**Information Phone Number:** 1-800-841-1428 (Customer Service)

**Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):**  
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

**SDS Date Of Preparation/Revision:** September 15, 2017

**Section 2. Hazards Identification**

**GHS / HAZCOM 2012 Classification:**

This product is not hazardous under US OSHA Hazcom 2012 (29 CFR1910.1200).

**Label Elements**

This product is not hazardous under US OSHA Hazcom 2012 (29 CFR1910.1200).

**Other Hazards:** None identified

**Section 3. Composition/Information On Ingredients**

Component	CAS No./ EC No.	Amount
Glycerin	56-81-5	40-60%
Aluminum oxide	1344-28-1	40-60%

**Section 4. First Aid Measures**

**Inhalation:** Inhalation is an unlikely route of exposure and first aid would not be required.

**Skin Contact:** Wash with soap and water. If irritation develops, get medical attention

**Eye Contact:** Flush eyes with water, holding the eyelids apart. Get medical attention if irritation persists.

**Ingestion:** Not acutely toxic. If swallowed, rinse mouth with water. Do not induce vomiting. Get medical attention if symptoms develop.



**Most Important symptoms and effects, both acute and delayed:** May cause mechanical eye and irritation. Ingestion may cause mild gastrointestinal irritation and nausea.

**Indication of any immediate medical attention and special treatment needed:** No immediate medical attention is required.

**Section 5. Firefighting Measures**

**Suitable (and Unsuitable) Extinguishing Media:** Use alcohol foam, carbon dioxide or dry chemical to extinguish. Water for foam may cause frothing. Cool fire exposed containers with water.

**Special Hazards Arising from the Chemical:** This product is not flammable but will burn under fire conditions. Combustion may cause the product to decompose producing toxic fumes of acrolein.

**Special Protective Equipment and Precautions for Fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

**Section 6: Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective clothing and equipment. Wash thoroughly after handling.

**Environmental Precautions:** Avoid release to the environment. Report spill as required by local and federal regulations.

**Methods and Material for Containment and Cleaning Up:** Wipe up with a paper towel or other absorbent material place in container for disposal.

**Section 7. Handling and Storage**

**Precautions for Safe Handling:** Avoid contact with eyes.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a dry, well ventilated area away from oxidizing agents. Protect from physical damage.

**Section 8. Exposure Controls/Personal Protection**

**Exposure Limits**

Chemical	Exposure Limit
Glycerin	5 mg/m <sup>3</sup> TWA (respirable fraction), 15 mg/m <sup>3</sup> TWA (total dust) OSHA PEL
Aluminum oxide	5 mg/m <sup>3</sup> TWA (respirable fraction), 15 mg/m <sup>3</sup> TWA (total dust) OSHA PEL

**Appropriate Engineering Controls:** General ventilation should be adequate for normal use.



**Personal Protective Measurers**

**Respiratory Protection:** None under normal use conditions. For operations where the occupational exposure limits are exceeded, an approved respirator with dust/mist cartridges or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with applicable regulations and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

**Hand protection:** None required for normal use.

**Eye Protection:** Safety glasses or goggles recommended when handling large amounts and eye contact is possible.

**Skin Protection:** None required.

**Hygiene measures:** None required.

<b>Section 9. Physical and Chemical Properties</b>
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<b>Appearance:</b>	White viscous paste	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not available
<b>Odor Threshold:</b>	Not determined	<b>Relative Density /Specific Gravity:</b>	2.0
<b>pH:</b>	Not available	<b>Solubility in Water:</b>	Partial
<b>Melting/Freezing Point:</b>	Not available	<b>Partition Coefficient: (n-octanol/water)</b>	Not available
<b>Initial Boiling Point/Range:</b>	Not available	<b>Auto-ignition Temperature:</b>	Not available
<b>Flash Point:</b>	Not flammable	<b>Decomposition Temperature:</b>	Not available
<b>Evaporation Rate:</b>	Not available	<b>Viscosity:</b>	Not determined
<b>Flammability: (solid/gas)</b>	Not flammable	<b>Explosive Properties:</b> Not explosive	None
<b>Flammable/ Explosive Limits:</b>	LEL: Not applicable UEL: Not applicable	<b>Oxidizing Properties:</b> Not an oxidizer	None

<b>Section 10. Stability and Reactivity</b>
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**Reactivity:** Not reactive.

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** Not reactive.

**Conditions To Avoid:** None known.

**Incompatible Materials:** Avoid contact with oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition may produce toxic fumes of acrolein.

<b>Section 11. Toxicological Information</b>
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**Potential Health Effects:**



**Inhalation:** No adverse effects are expected under normal use conditions.

**Skin Contact:** Prolonged skin contact may cause drying of the skin.

**Eye Contact:** Causes mechanical irritation with tearing, redness and pain.

**Ingestion:** Ingestion may cause gastrointestinal disturbances including nausea and vomiting.

**Chronic Hazards:** None known.

**Mutagenicity:** None of the components are germ cell mutagens.

**Carcinogenicity:** None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

**Reproductive Toxicity:** None of the components have been shown to cause reproductive or developmental toxicity.

**Acute Toxicity Values:** Estimated Acute Toxicity (ATE) Oral: >5,000 mg/kg, Dermal >2,000 mg/kg  
Glycerin: Oral rat LD50 27,200 mg/kg, Inhalation rat LC50 >2.75 mg/L/4 hr, Dermal guinea pig LD50 56,750 mg/L  
Aluminum Oxide: Oral rat LD50 >15,900 mg/L, Inhalation rat LC50 >0.88 mg/L/4 hr (highest achievable concentration – no deaths)

**Section 12. Ecological Information**

**Toxicity:** No toxicity data available for product  
Glycerin: 96 hr LC50 Oncorhynchus mykiss 54,000 mg/L, 48 hr LC50 daphnia magna 1955 mg/L  
Aluminum Oxide: 96 hr LC50 Pimephales promelas 1.16-44.8, 48 hr EC50 daphnia magna 0.72 -99.6 mg/L

**Persistence and Degradability:** Glycerin is readily biodegradable. Aluminum oxide is not readily biodegradable.

**Bioaccumulative Potential:** Glycerin has a BCF of 3. This product is not expected to bioaccumulate.

**Mobility in Soil:** Glycerin is highly mobile in soil.

**Other Adverse Effects:** None known.

**Section 13. Disposal Considerations**

**Solution Disposal:** Dispose of in accordance with Federal, State, and local regulations.  
**Container Disposal:** Offer for recycling, if available. If recycling is not available, discard in trash.

**Section 14. Transport Information**

	UN Number	UN Proper Shipping Name	Transport Hazard	Packing Group	Environmental Hazards
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			<b>Class(es)</b>		
<b>US DOT</b>	None	Not Regulated	None	None	None
<b>EU ADR/RID</b>	None	Not Regulated	None	None	None
<b>IMDG</b>	None	Not Regulated	None	None	None
<b>IATA/ICAO</b>	None	Not Regulated	None	None	None

**Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code:** Not applicable – product is transported only in packaged form.

**Special Precautions for User:** None identified

<b>Section 15. Regulatory Information</b>
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**US Regulations**

**EPA SARA 311/312 Hazard Classification:** Refer to Section 2 for OSHA Hazard Classification

**EPA SARA 313:** This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**Protection Of Stratospheric Ozone:** This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

**CERCLA SECTION 103:** This product is not subject to CERCLA reporting requirements; however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**International Inventories**

**US EPA TSCA Inventory:** All of the components in this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt.

**Australia:** All of the components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

**Canadian Environmental Protection Act:** All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.

**China:** All the components in this product are listed in the Inventory of Existing Chemical and Substances in China (IECSC).

**European Union:** All the components in this product are listed on the EINECS inventory or exempt.

**Japan:** All of the components in this product are listed on the Japanese Existing and New Chemical Substances (ENCS) inventory or exempt.

**Korea:** All of the components in this product are listed on the Korean Existing Chemicals List (KECL) or exempt.

**New Zealand:** All of the components in this product are listed on the New Zealand Inventory of



Chemicals (NZIoC) or exempt.

**Philippines:** All of the components of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS) or exempt.

**Taiwan:** All of the components of this product are listed on the National Existing Chemical Inventory (NECI) in Taiwan.

<b>16. Other Information</b>
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NFPA Rating: Fire: 1            Health: 1            Instability: 0

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date of preparation, however, METREX® RESEARCH makes no warranty with respect to the accuracy or suitability of the recommendations, and assumes no liability to any use thereof.

**Effective Date:** September 15, 2017

**Supersedes Date:** April 1, 2015

**Revision Summary:** All sections. Converted to GHS format