

## Safety Data Sheet

### 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Parkside Professional Products Ltd.** **Product Name: Lumina GT**  
 4777 Kent Avenue **Product Use: Floor Finish**  
 Niagara Falls, ON  
 L2H 1J5 **Stock No.: FH498D, FH498J**

**Telephone: 905-358-8364** **Date: December 1, 2017**  
**Fax: 905-358-9680**  
**Web Site: www.parksidepro.com**



**Emergency Telephone # CANUTEC 613-996-6666**

### 2 – HAZARD IDENTIFICATION

**Classification for the undiluted product:** Not Classified

**Signal Word:** No signal word

**Hazard Statements:** No known significant effects of critical hazards.

**Precautionary Statements**

**General:** Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention:** Not Applicable

**Response:** Not Applicable

**Storage:** Not Applicable

**Disposal:** Not Applicable

**Health hazards not otherwise classified (HHNOC):** None Known

**Physical hazards not otherwise classified (PHNOC):**

**Classification for the diluted product:** Not Classified

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	Weight %	CAS #		
2-(2-ethoxyethoxy)ethanol	1-5	111-90-0		
tris(2-ethoxyethoxy) phosphate	1-5	78-51-3		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### 4 - FIRST AID MEASURES

**Undiluted Product:**

**Eyes:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for, and remove, any contact lenses. Get medical attention if irritation occurs.

**Skin:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Ingestion:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

**Most important symptoms/effects, acute and delayed:****Potential acute health effects:**

Eye Contact: no known significant effects or critical hazards  
 Inhalation: no known significant effects or critical hazards  
 Skin Contact: no known significant effects or critical hazards  
 Ingestion: no known significant effects or critical hazards

**Over-exposure signs/symptoms:**

Eye Contact: no specific data  
 Inhalation: no specific data  
 Skin Contact: no specific data  
 Ingestion: no specific data

**Immediate medical attention and special treatment needed:**

**Notes to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments:** No specific treatment.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training.

**Diluted Product:**

**Eyes:** not applicable  
**Skin:** not applicable  
**Inhalation:** not applicable  
**Ingestion:** not applicable

**5 - FIRE FIGHTING MEASURES****Specific Methods:**

**Suitable Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Specific Hazards:** In a fire, or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products:** Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide  
 phosphorus oxides

**Special protective equipment for firefighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Special protective actions for firefighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Extinguishing media which must not be used for safety reasons:** None Known

**6 – ACCIDENTAL RELEASE MEASURES****Personal Precautions:**

**For emergency responders** - Refer to Section 8 for proper Personal Protective Equipment.

**For non-emergency personnel** – No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Clean-Up Methods:**

**Small spills:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spills:** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. NOTE: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7 – HANDLING & STORAGE

**Handling:** Put on appropriate personal protective equipment (See Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Storage:** Store in accordance with local regulations. Store in original container, protected from direct sunlight, in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA	
2-(2-ethoxyethoxy)ethanol	111-90-0			

### Undiluted Product:

**Engineering measures to reduce exposure:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Personal Protective Equipment:

**Eye/Face Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Hand Protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this necessary.

**Skin and Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory Protection:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Hygiene Measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### Diluted Product:

#### Personal Protective Equipment:

**Eye Protection:** Not Applicable

**Hand Protection:** Not Applicable

**Skin and Body Protection:** Not Applicable

**Respiratory Protection:** Not Applicable

**Hygiene Measures:** Not Applicable

## 9 - PHYSICAL & CHEMICAL PROPERTIES

**Physical State:** Liquid

**Evaporation Rate:** Not Available

**Odour Threshold:** Not Available

**Melting Point/Range (°C):** 0

**Auto-Ignition Temperature (°C):** Not Available

**Solubility in Other Solvents:**

**Density:**

**Bulk Density:**

**Flash Point:** Closed cup >93.334°C

**Dilution Flash Point:**

**Colour:** Milky, White

**Odour:** Bland

**Boiling Point/Range (°C):** 100

**Decomposition Temperature (°C):**

**Solubility:** Not Available

**Relative Density (relative to water):**

**Vapour Density:** <1 (Air=1)

**Vapour Pressure:** <4 kPa (<30 mm Hg) [room temperature]

**Partition Co-Efficient (n-octanol/water):** Not Available

**Viscosity:** Not Available

**Elemental Phosphorus:**

pH: 7.0-8.0

Dilution pH:

Metal Corrosion:

Explosion Limits: Upper – Not Available

Lower – Not Available

VOC: 0%

Specific Gravity: 1.04 g/cm<sup>3</sup>

Flammability (Solid or Gas): Not Available

**10 – STABILITY & REACTIVITY****Reactivity:** No specific test data related to reactivity is available for this product or its ingredients.**Stability:** Stable**Possibility of Hazardous Reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.**Materials to Avoid:** No specific data**Conditions to Avoid:** No specific data**11 – TOXICOLOGICAL INFORMATION****Information on toxicological effects:****Acute toxicity:**

Ingredient(s)	Result	Species	Dose	Exposure
2-(2-ethoxyethoxy)ethanol	LD50 Oral	Rat	7500 mg/kg	-
tris(2-ethoxyethoxy) phosphate	LD50 Oral	Rat	3 g/kg	-

**Irritation / Corrosion:**

Ingredient(s)	Result	Species & Exposure	Score	Observation
2-(2-ethoxyethoxy)ethanol	Eyes – mild irritant	Rabbit – 125 milligrams	-	-
2-(2-ethoxyethoxy)ethanol	Eyes – moderate irritant	Rabbit – 500 milligrams	-	-
2-(2-ethoxyethoxy)ethanol	Skin – mild irritant	Rabbit – 24 hours 500 milligrams	-	-
tris(2-ethoxyethoxy) phosphate	Eyes – mild irritant	Rabbit – 24 hours 500 milligrams	-	-
tris(2-ethoxyethoxy) phosphate	Skin – mild irritant	Rabbit – 24 hours 500 milligrams	-	-

**Sensitization:** Not Available**Mutagenicity:** Not Available**Carcinogenicity:** Not Available**Reproductive toxicity:** Not Available**Teratogenicity:** Not Available**Specific target organ toxicity (single exposure):** Not Available**Specific target organ toxicity (repeated exposure):** Not Available**Aspiration hazard:** Not Available**Information on likely routes of exposure:** Not Available**Potential acute health effects:****Skin Contact:** No known significant effects or critical hazards.**Eye Contact:** No known significant effects or critical hazards.**Ingestion:** No known significant effects or critical hazards.**Inhalation:** No known significant effects or critical hazards.**Symptoms related to the physical, chemical and toxicological characteristics:****Skin Contact:** No specific data.**Eye Contact:** No specific data.**Ingestion:** No specific data.**Inhalation:** No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure:**

**Short term exposure**

**Potential immediate effects:** Not Available

**Potential delayed effects:** Not Available

**Long term exposure**

**Potential immediate effects:** Not Available

**Potential delayed effects:** Not Available

**Potential chronic health effects:** Not Available

**General:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Development effects:** No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.

**Numerical Measures of Toxicity:**

**ATE – Oral (mg/kg):** 110374.1

**ATE – Inhalatory, mists (mg/l):**

**12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Ingredient(s)	Result	Species	Exposure
2-(2-ethoxyethoxy)ethanol	Acute LC50 3340000 µg/l Fresh water	Daphnia – Daphnia magna - Neonate	48 hours
tris(2-ethoxyethoxy) phosphate	Acute LC50 6010000 µg/l Fresh water	Fish – Ictalurus punctatus	96 hours
tris(2-ethoxyethoxy) phosphate	Acute LC50 11200 µg/l Fresh water	Fish – Pimephales promelas	96 hours

**Persistence and Degradability:** Not Available

**Bioaccumulation:**

Ingredient(s)	LogP <sub>ow</sub>	BCF	Potential
2-(2-ethoxyethoxy)ethanol	-0.54	-	low
tris(2-ethoxyethoxy) phosphate	3.75	5.8	low

**Mobility in soil:**

**Soil/water partition coefficient (K<sub>oc</sub>):** Not Available

**Other adverse effects:** No known significant effects or critical hazards

**13 – DISPOSAL CONSIDERATION**

**Waste from residues / unused products:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Contaminated Packaging:**

**RCRA Hazard Class (undiluted product):**

**RCRA Hazard Class (diluted product):**

**14 – TRANSPORT INFORMATION**

**DOT / TDG / IMDG:** Not Regulated

**DOT (Ground) Bill of Lading Description:** Not Regulated

**IMDG (Ocean) Bill of Lading Description:** Not Regulated

**15 – REGULATORY INFORMATION**

**International Inventories as CAS# Level**

**Canada:** All components are listed or exempted.

**16 – OTHER INFORMATION**

**NFPA**

**Health:** 1

**Flammability:** 0

**Instability:** 0

**History**

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