Safety Data Sheet

I - 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

PARKSIDE PROFESSIONAL PRODUCTS LTD.

Telephone: 905-358-8364

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Emergency Telephone # CANUTEC 613-996-6666

2 - HAZARD IDENTIFICATION

Date: June 1, 2015

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 concentratations 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 treatment\s: 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 collet 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: VOC: 0%

pH: 7.0-8.0 Specific Gravity: 1.04 g/cm³

Dilution pH: Flammability (Solid or Gas): Not Available

Metal Corrosion:

Explosion Limits: Upper – Not Available

Lower - 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.

Numercial 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	Daphnia – Daphnia magna -	48 hours	
	Fresh water	Neonate		
tris(2-ethoxyethoxy) phosphate	Acute LC50 6010000 µg/l	Fish – Ictalurus punctatus	96 hours	
	Fresh water			
tris(2-ethoxyethoxy) phosphate	Acute LC50 11200 μg/l	Fish – Pimephales promelas	96 hours	
	Fresh water			

Persistence and Degradability: Not Available

Bioaccumulation:

Ingredient(s)	LogP _{ow}	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 (Koc): 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 it's 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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