



## Vestec 212 – Dishwasher Rinse Additive

### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

<b>Identification of Preparation:</b>	Vestec 212 – Dishwasher Rinse Additive
<b>Date of Safety Data Sheet:</b>	February 03, 2017
<b>Use of Preparation:</b>	Rinse Aid
<b>Company Identification:</b>	Parkside Professional Products Ltd 4777 Kent Avenue Niagara Falls, Ontario L2H 1J5 OFFICE: 905-358-8364
<b>Company Emergency Telephone Number</b>	Emergency Phone: 905-358-8364
<b>Transportation Emergency Telephone Number</b>	CANUTEC 613-996-6666 or * 666 for cell phone

### 2. HAZARD IDENTIFICATION

#### Emergency Overview:

#### OSHA / WHMIS 2015 Hazards

#### Classification of substance or mixture

#### GHS-US/Canadian classification:

#### GHS Hazards

Acute Toxicity Category 4 (Oral) H302

Skin Irritation Category 2 H315

Eye Irritation Category 2A H319

#### Label Elements

#### GHS Labelling

#### Hazard Pictograms (GHS):



**Signal Word (GHS):** Warning

#### Hazard Statements (GHS):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

#### Precautionary Statements (GHS):



## Vestec 212 – Dishwasher Rinse Additive

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

### Response Statements (GHS):

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Sodium 2-ethylhexyl sulfate	126-92-1	1-5	Not classified as dangerous under GHS.
Fatty Alcohol Alkoxylate	HMRIA Registry Number 9790. Filling date 2016-01-14	7.5-15	Skin Corrosion /Irritation Category 2-H315 Serious Eye Damage / Eye Irritation Category 2 A-H319
Dipropylene Glycol Monoethyl Ether	34590-94-8	1-5	Acute Toxicity Category 5 (Oral) - H303 Eye Corrosion / Irritation Category 2B-H320 STOT Repeated Exposure Category 2 – H373

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician.



## Vestec 212 – Dishwasher Rinse Additive

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	As per surrounding fire.
<b>Unsuitable extinguishing media:</b>	No information available.
<b>Special exposure hazards</b>	Fire or excessive heat may produce hazardous decomposition products.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.
<b>Fire and explosion</b>	Not flammable. Not an explosive hazard.
<b>Further information</b>	Keep containers and surrounding cool with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe mist.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

#### Environmental Precautions

Prevent entry to sewers and public waters.

#### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately by sweeping up and dispose of waste safely.

**Reference to Other Sections:** See Heading 8. Exposure controls and personal protection.

### 7. HANDLING AND STORAGE

#### **Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of mist.

#### **Information about fire - and explosion protection:**

Keep respiratory protective device available.

No special measures required.

#### **Conditions for safe storage, including any incompatibilities**

#### **Storage:**

#### **Requirements to be met by storerooms and receptacles:**

Store in a cool location.



## Vestec 212 – Dishwasher Rinse Additive

### Information about storage in one common storage facility:

Do not store together with acid products.

Store away from reducing agents.

Store away from foodstuffs.

### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Respiratory protection:</b>	Use local exhaust or dilution ventilation.
<b>Hand protection:</b>	Chemical resistant gloves.
<b>Eye protection:</b>	Safety goggles.
<b>Skin protection:</b>	Use body-covering clothing.
<b>Working hygiene:</b>	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
<b>Exposure Guidelines:</b>	None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<u>Property</u>	<u>Values</u>	<u>Odour</u> <u>Odour Threshold</u> <u>Remarks/Method</u>	<u>Typical</u>
<b>Physical State</b>	Liquid		
<b>Appearance</b>	Clear		
<b>Colour</b>	Blue.		
<b>Property</b>	<b>Values</b>	<b>Odour</b> <b>Odour Threshold</b> <b>Remarks/Method</b>	<b>Typical</b> No data available.
<b>pH</b>	7.5-8.5	None known	
<b>Melting/Freezing Point</b>	No data available	None known	
<b>Boiling Point/Range</b>	No data available	None known	
<b>Flash Point</b>	Not applicable.	None known	
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	Not flammable	None known	
<b>Flammability Limit in Air:</b>			
<b>Upper Limit</b>	No data available	None known	
<b>Lower Limit</b>	No data available	None known	
<b>Vapour Pressure</b>	No data available	None known	



## Vestec 212 – Dishwasher Rinse Additive

<b>Vapour density</b>	No data available	None known
<b>Specific Gravity</b>	0.99-1.01 g/cm <sup>3</sup>	
<b>Water Solubility</b>	Soluble in water.	None known
<b>Solubility Other Solvents</b>	No data available	None known
<b>Partition Coefficient:</b>		
<b>n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Kinematic Viscosity</b>	No data available	None known
<b>Dynamic Viscosity</b>	No data available	None known
<b>Explosive Properties</b>	No data available	None known
<b>Oxidizing Properties</b>	No data available	None known

### Other Properties:

<b>Softening Point</b>	No data available
<b>VOC Content %</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable at normal ambient temperature and pressure.
<b>Chemical stability</b>	No decomposition if stored and applied as directed.
<b>Thermal decomposition/conditions to avoid:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Reacts with acids. Reacts with reducing and oxidizing agents.
<b>Conditions to avoid</b>	Store away from reducing agents, water, acids, and acid salts of heavy metals, organic materials and flammable substances.
<b>Hazardous decomposition products</b>	Acids, oxidizing and reducing agents.
<b>Materials to avoid</b>	Oxides of carbon.
<b>Hazardous polymerization</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification:



## Vestec 212 – Dishwasher Rinse Additive

**Routes of Entry** Inhalation, ingestion, eye or skin

**Carcinogenicity:**

**Chemical Name** ACGIH      IARC      NTP      OSHA

Not classified.

**IARC: (International Agency for Research on Cancer)**

No ingredients listed

**Chronic Effects:**

**Mutagenicity:** No evidence of a mutagenic effect.

**Teratogenicity:** No evidence of a teratogenic effect (birth defect).

**Sensitization:** No evidence of a sensitization effect.

**Reproductive:** No evidence of negative reproductive effects.

**Target Organ Effects:**

**Acute:** No information available

### 12. ECOLOGICAL INFORMATION

<b>Toxicity:</b>	Not classified
<b>Persistence and Degradability:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available.
<b>Other Adverse Effects</b>	Avoid release to the environment.
<b>Other Information:</b>	All of the organic components of this product are readily biodegradable.

### 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

### 14. TRANSPORTATION INFORMATION

**Canadian TDG (Road & Rail):** Not Regulated

**U.S. Department of Transportation (DOT):** Not Regulated

**Water Transportation (IMO):** Not Regulated

**Air Transportation (IATA):** Not Regulated



## Vestec 212 – Dishwasher Rinse Additive

### 15. REGULATION

#### Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Class D - Division 2B.



OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

#### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	Complies
AICS	Complies

#### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### U.S. State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.



## **Vestec 212 – Dishwasher Rinse Additive**

### **HMIS III Rating:**

Health: 2 Slight Hazard - Irritation or minor reversible injury possible

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012) SDS Canada (GHS WHMIS 2015)

### **16. OTHER INFORMATION**

**Prepared By:** Parkside Professional Products Ltd.  
4777 Kent Avenue  
Niagara Falls, Ontario  
L2H 1J5  
905-358-8364

**Issuing Date:** February 3, 2017.

#### **Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**