



## Vestec 124 – HD Machine Dish Detergent

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

Identification of Preparation:	Vestec 124
Date of Safety Data Sheet:	August 12, 2025
Use of Preparation:	HD Automatic Dishwasher Powder Detergent
Company Identification:	Parkside Professional Products Ltd. 4777 Kent Avenue Niagara Falls, Ontario L2H 1J5 OFFICE: 905-358-8364
Company Emergency Telephone Number	Emergency Phone: 905-358-8364
Transportation Emergency Telephone Number	CANUTEC 613-996-6666 or * 666 for cell phone

### 2. HAZARD IDENTIFICATION

Emergency Overview:  
OSHA / WHMIS 2015 Hazards  
Corrosive to Metals and Eyes.  
Classification of substance or mixture  
GHS-US/Canadian classification:  
GHS Hazards  
Corrosive to Metals 1 H290  
Skin Corrosive 1A H314  
Eye Damage 1 H318  
Label Elements  
GHS-US/ Canada Labeling  
Hazard Pictograms (GHS):



## Vestec 124 – HD Machine Dish Detergent



**Signal Word (GHS):** Danger.

**Hazard Statements (GHS):**

H290 – May be corrosive to metals.

H302 - Harmful if swallowed

H314- Causes severe skin burns and eye damage.

H318 - Causes serious eye damage

**Precautionary Statements (GHS):**

P102: Keep out of reach of children.

P260: Do not breathe mist, spray, and vapours.

P280: Wear face protection, protective clothing, protective gloves, and eye protection.

**Response Statements (GHS):**

P301+P310+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately contact a poison control centre.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

P315: Get immediate medical advice/attention.

P363: Wash contaminated clothing before re-use.

P501: Dispose of contents / container in accordance with local regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

Ingredient	CAS#	% by	Classification
Sodium Carbonate	497-19-8	15-35	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritation Category 2A - H315 Serious Eye Damage/Eye Irritation Category 2 - H319
Sodium Metasilicate	6834-92-0	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritation Category 1A - H314 Serious Eye Damage/Eye Irritation Category 1 - H318



## Vestec 124 – HD Machine Dish Detergent

Penta sodium Triphosphate	7758-29-4	15-35	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritation Category 1A - H314 Serious Eye Damage/Eye Irritation Category 1 - H318 STOT SE Respiratory Tract Irritation Category 3- H335
Sodium Hydroxide	1310-73-2	40-60	Corrosive to Metals Category 1 - H290 Acute Toxicity Category 2 (Oral) - H300 Skin Corrosion/Irritation Category 1A - H314 Serious Eye Damage/Eye Irritation Category 1 - H318 Aquatic Hazard (Acute) Category 3 – H402
Tetrasodium EDTA	64-02-8	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritant Category 2 – H315 Serious Eye Damage/Irritation Category 2A – H318

### 4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	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.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	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.
Notes to Physician:	Treatment based on judgment of attending physician.

### 5. FIRE FIGHTING MEASURES

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



## Vestec 124 – HD Machine Dish Detergent

### 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 or dust.

#### 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.

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.



## Vestec 124 – HD Machine Dish Detergent

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles.
Skin protection:	Use body-covering clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure Guidelines:	

Source Material	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>
Sodium Carbonate		15 mg/m <sup>3</sup> 8 hr (dust)		
Sodium Metasilicate		10 mg/m <sup>3</sup> 8 hr		
Penta sodium Tripolyphosphate		5 mg/m <sup>3</sup> 8 hr		
Sodium Hydroxide		2 mg/m <sup>3</sup> 8 hr		

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

Physical State	Powder	Odour	Alkali
Appearance	Free Flowing	Odour Threshold	No data available.
Colour	White	Remarks/Method	
Property	Values		
pH 1 %	13.5 ± 0.5	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	No data available	None known	
Flash Point	Not applicable.	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	Not flammable	None known	
Flammability Limit in Air:			
Upper Limit	No data available	None known	
Lower Limit	No data available	None known	
Vapour Pressure	No data available	None known	
Vapour density	No data available	None known	
Bulk Density	0.98-1.00 g/cm <sup>3</sup>		
Water Solubility	Soluble in water.	None known	
Solubility Other Solvents	No data available	None known	
Partition Coefficient:			
n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition	No data available	None known	

Date: August 12, 2025

SDS: Parkside Professional Products Ltd. Vestec 124



## Vestec 124 – HD Machine Dish Detergent

Temperature		
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

### Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available

### 10. STABILITY AND REACTIVITY

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

### 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification

Routes of Entry Inhalation, ingestion, eye or skin

Sodium Carbonate CAS # 497-19-8:

LD 50 (Oral) Rat 4,090 mg/Kg

LC 50 (Inhalation) 2300 mg/m<sup>3</sup> (Rat) 2 Hrs.

Sodium Metasilicate CAS # 6834-92-0:

LD 50 (Oral) 1,280 mg/Kg

Penta sodium Tripolyphosphate CAS # 7758-29-4:

LD 50 (Oral) 2,000 mg/Kg

Sodium Hydroxide CAS #1310-73-2

LD 50 (Oral) 140-340 mg/kg

Carcinogenicity:

Date: August 12, 2025

SDS: Parkside Professional Products Ltd. Vestec 124

Page 6 of 10

SAFETY DATA SHEET



## Vestec 124 – HD Machine Dish Detergent

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

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bio accumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	None Known.
Other Information:	Avoid release to the environment.

### 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 T.D.G.: Regulated Material (quantity under 1 Kg can be shipped Limited Quantity)

Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE)

Contains: Sodium Hydroxide.

Hazard Class: 8

ID Number: UN 3262

Packing Group: II



## Vestec 124 – HD Machine Dish Detergent



**US DOT: Regulated material**

Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE)

Contains: Sodium Hydroxide.

Hazard Class: 8

ID Number: UN 3262

Packing Group: II



**Water Transportation (IMDG): Regulated Material**

Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE)

Contains: Sodium Hydroxide.

Hazard Class: 8

ID Number: UN 3262

Packing Group: II



**Air Transportation (IATA): Regulated Material**

Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE)

Contains: Sodium Hydroxide.

Hazard Class: 8

ID Number: UN 3262

Packing Group: II



## Vestec 124 – HD Machine Dish Detergent



### 15. REGULATION

#### International Inventories

	-
<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	
<b>B</b>	-
<b>AICS</b>	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/N**

**DSL** -  
Canadian

an 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



## Vestec 124–HD Machine Dish Detergent

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### HMIS III Rating:

Health: 3

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 Inc.  
4777 Kent Avenue  
Niagara Falls, Ontario L2H 1J5  
905-358-8364

**Issuing Date:** August 12, 2025

#### **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**