

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

Valuemed Professional Products Ltd.  
16410-117 Ave.  
EDMONTON AB T5M3W2

Phone: 780-454-1899  
In Case of Emergency Only:  
phone CANUTEC at (613) 996-6666

**Product name:** EnzyMed™

Code: MD0004-16E, MD00010-1E,  
MD00020-1E, MD0001-12E

**Other name:**

**Distributed by:** Valuemed Professional Products Ltd.

**Product use:** multienzyme detergent for cleaning of medical, dental, veterinary instruments

**Date completed:** June 15, 2016

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS number
Proprietary enzyme formulations		

No hazardous materials requiring disclosure to Health Canada under GHS regulations.

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### 3. HAZARDS IDENTIFICATION

May cause temporary discomfort and redness to skin and eyes.

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### 4. FIRST AID MEASURES

**Inhalation:** Remove from exposure. Get fresh air.  
**Ingestion:** Induce vomiting only on the direct advice of a poison control centre. Get medical attention.  
**Eye contact:** Flush with plenty of water for 15 minutes. Get medical attention if irritation persists.  
**Skin contact:** Remove contaminated clothing and flush with plenty of water.

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### 5. FIRE - FIGHTING MEASURES

**Flash point (test method):** Not applicable  
**Flammable limits (%):** Non-flammable  
**Lower:** Not applicable  
**Upper:** Not applicable  
**Fire extinguishing substances:** Use extinguishing media appropriate for surrounding fire.  
**Autoignition temperatures:** Not applicable  
**Hazardous combustion products:** May liberate oxides of carbon and nitrogen.  
**Explosion data:**  
**Sensitivity to mechanical impact:** Not applicable  
**Sensitivity to static discharge:** Not applicable  
**Special firefighting procedures:** As for surrounding fire. Fire fighters should wear full protective clothing and self contained breathing equipment.

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate protective equipment.  
**Environmental precautions:** Prevent bulk quantities from entering sewers, waterways or low areas.  
**Methods for cleaning up:** Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

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## 7. HANDLING AND STORAGE

**Handling:** Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.  
**Storage:** Keep out of reach of children. Keep container tightly closed. Store in a cool, dry area.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** Special ventilation requirements not normally necessary  
**Respiratory protection:** Not normally necessary.  
**Eye protection:** Not normally necessary. Safety glasses may be worn.  
**Other protection:** Not normally necessary. Gloves may be worn.

**Exposure limits:**

INGREDIENT	ACGIH	OSHA	Other
Not applicable			

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b> Liquid	<b>Solubility in water:</b> Complete
<b>Boiling point:</b> 100°C	<b>Vapour pressure:</b> Not available
<b>Vapour density:</b> Not available	<b>Evaporation rate:</b> Not available
<b>Freezing point:</b> Not available	<b>Odour threshold:</b> Not available
<b>Sp. Gravity:</b> 1.023	<b>pH:</b> 6.0 - 8.0
<b>Appearance &amp; odour:</b>	Clear, dark green liquid with a light pleasant fragrance.

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## 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Conditions of instability:** Not available  
**Incompatibility:** ( ) Water (X) Oxidizers (X) Acid (X) Base ( ) Other  
**Conditions of reactivity:** Not available  
**Hazardous decomposition products:** Not available

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## 11. TOXICOLOGICAL PROPERTIES

### POTENTIAL ACUTE HEALTH EFFECTS

**Inhalation:** No known significant effects  
**Ingestion:** No known significant effects  
**Eye contact:** May cause temporary discomfort and redness  
**Skin contact:** May cause temporary discomfort  
**Skin absorption:** Not available

### POTENTIAL CHRONIC HEALTH EFFECTS:

**Inhalation:** No known significant effects  
**Ingestion:** Not available  
**Eye contact:** Not available  
**Skin contact:** Prolonged contact may cause discomfort  
**Skin absorption:** Not available

<b>Sensitization of product:</b>	Not available
<b>Carcinogenicity:</b> IARC (1, 2A or 2B) ACGIH: (A1, A2 or A3)	No known significant effects. No known significant effects.
<b>Reproductive toxicity:</b>	No known significant effects.
<b>Teratogenicity:</b>	No known significant effects.
<b>Mutagenicity:</b>	No known significant effects.
<b>Synergistic product:</b>	Not available

HAZARDOUS INGREDIENTS	CAS NO.	TOXICITY DATA
Not applicable		

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicological information:** All components are biodegradable.

**Other information:**

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**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Disposal of all waste must be done according to local, provincial and federal regulations.

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**14. TRANSPORT INFORMATION**

**TDG classification:** Not regulated

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**15. REGULATORY INFORMATION**

**WHMIS:** Not controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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**16. PREPARATION INFORMATION**

**Prepared by:** Technical Services Department, Valumed Professional Products Ltd., Ph: (780) 454-1899