

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**Product** Eon™ Extra Probe Wash  
**Product Code** 77516  
**Infosafe No.** CV42N GB/eng/C  
**Issued Date** 23/06/2011  
**Product Type/Use** In-Vitro Medical Diagnostics.

<b>Supplier</b> Vital Diagnostics (Manufacturing) Pty. Ltd. 189-199 Browns Road Noble Park, Victoria 3174 Australia	<b>Telephone Numbers</b> <b>Emergency Tel.</b> Americas: 1-760-476-3962 Europe, Middle East and Asia: 1-760-476-3961 Asia Pacific: 1-760-476-3960 Global response access code: 333483 <b>Telephone/Fax Number</b> Tel: +61 (0)3 8793 6300 Fax: +61 (0)3 8793 6355
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**Contact Details**  
[msds@vitaldiagnostics.com](mailto:msds@vitaldiagnostics.com)

## 2. HAZARDS IDENTIFICATION

<b>EC Classification</b>	Harmful, Corrosive
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**Human Health Hazards**  
 Causes severe burns.

**Safety Hazards**  
 No specific hazards under normal use conditions.

**Environmental Hazards**  
 No specific hazards under normal use conditions.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS	EINECS	Proportion	Hazard	R Phrase
Hydrochloric acid	7647-01-0	231-595-7	1-4 %	T, C	R23, R35
Water and other constituents determined not to be hazardous	-	-	Balance		

## 4. FIRST AID MEASURES

### Inhalation

In the unlikely event of dizziness or nausea, remove casualty to fresh air.

### Skin

Remove contaminated clothing and wash affected skin with soap and water.

### Eye

Flush eye with water. Seek immediate medical attention.

### Ingestion

Wash out mouth with water. Seek immediate medical assistance.

### Advice to Doctor

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### Specific Hazards

None.

### Extinguishing Media

Use extinguishing media suitable for surrounding environment.

### Protective Equipment

Proper protective equipment.

### Hazardous Combustion Products

Thermal decomposition of this product's components may produce carbon oxides and nitrogen oxides.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Avoid contact with skin and eyes.

Wear safety glasses or full face shield.

### Environmental Precautions

Contain spill to prevent migration.

### Spills & Disposal

Absorb liquid and place in container suitable for disposal. Avoid generation of mists during clean up. Comply with applicable waste disposal regulations.

## 7. HANDLING AND STORAGE

### Handling

Keep containers closed when not in use.

### Storage

Store in original container. Keep away from incompatible material.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

### Exposure Limits

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Hydrochloric acid	ACGIH	PEL	2	ppm	Ceiling

ACGIH                      ACGIH Threshold Limit Values.

### Other Exposure Information

No Biological Limit Value allocated.

### Eng. Controls

Use in well ventilated area.

### Respiratory Protection

Under normal conditions, the use of this product should not require respiratory protection.

### Eye Protection

Safety glasses or chemical goggles should be worn to prevent eye contact.

### Body Protection

Impervious gloves should be worn to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear colourless solution.
<b>Odour</b>	Characteristic.
<b>Odour Threshold</b>	Not applicable
<b>pH Value</b>	Data not available.
<b>Vapour Pressure</b>	Not established.
<b>Boiling Point</b>	Not established.
<b>Melting Point</b>	Similar to water.
<b>Solubility in Water</b>	Not established.
<b>Solubility in Organic Solvents</b>	Not applicable
<b>Specific Gravity (H<sub>2</sub>O=1)</b>	Not established.
<b>Flash Point</b>	Not flammable.
<b>Flammable Limits</b>	Not applicable.
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Kinematic Viscosity</b>	Not established.
<b>Evaporation Rate</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available

## 10. STABILITY AND REACTIVITY

### **Stability**

Stable under normal temperatures and pressures.

### **Conditions to Avoid**

Avoid contact with incompatible materials.

### **Materials to Avoid**

Strong alkalines, some metals, substances that are incompatible with water.

### **Hazardous Decomposition Products**

No decomposition products posing significant hazards would be expected from this product (a dilute aqueous solution).

## 11. TOXICOLOGICAL INFORMATION

### **Toxicology Information**

No toxicology data available on product.

### **Acute Toxicity - Oral**

Data not available.

### **Acute Toxicity - Dermal**

Data not available.

### **Acute Toxicity - Inhalation**

Harmful by inhalation.

### **Eye Irritation**

Causes severe burns.

### **Skin Irritation**

Causes severe burns.

### **Respiratory Irritation**

May cause irritation.

### **Skin Sensitisation**

Product not known to cause skin sensitisation.

### **Carcinogenicity**

Product not known to cause cancer.

### **Mutagenicity**

Product not known to cause mutagenicity.

### **Reproductive Toxicity**

Product not known to cause reproductive toxicity.

**12. ECOLOGICAL INFORMATION****Ecological Information**

No ecotoxicological data for this product.

**Mobility**

No information available.

**Persistence / Degradability**

The components of this product will degrade in the environment into smaller organic and inorganic constituents.

**Bioaccumulation**

The components of this product are not expected to bioaccumulate.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal**

Dispose of waste product, unused product and contaminated packaging in compliance with national and local regulations. If unsure of the applicable requirements, contact the authorities for information.

**14. TRANSPORT INFORMATION****ADR/RID UN Number**

1789

**ADR/RID Class**

8

**ADR/RID Packing Group**

II

**ADR/RID Proper Shipping Name**

HYDROCHLORIC ACID

**IMDG UN Number**

1789

**IMDG Hazard Class**

8

**IMDG Packing Group**

II

**IMDG EMS**

8-03

**IMDG Proper Shipping Name**

HYDROCHLORIC ACID

**IATA UN Number**

1789

**IATA Hazard Class**

8

**IATA Packing Group**

II

**IATA Proper Shipping Name**

HYDROCHLORIC ACID

**IATA Symbol**

Corrosive

## 15. REGULATORY INFORMATION

EC Symbols	C
EC Risk Phrase	R20 Harmful by inhalation. R35 Causes severe burns.
EC Safety Phrase	S23 Do not breathe gas/fumes/vapour/spray S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S46 If swallowed, seek medical advice immediately and show this container or label.
EINECS	All components listed.

## 16. OTHER INFORMATION

**SDS History**

Date prepared: 2011-06-23

**List of R Phrases in Section 3**

R23 Toxic by inhalation.

R35 Causes severe burns.

... End Of SDS ...