

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

Product Eon® 300 Extra Cuvette Wash
Product Code 79515
Infosafe No. CV42G US/eng/C
Issued Date 2013/11/12
Product Type/Use In-Vitro Medical Diagnostics.

Supplier

Vital Diagnostics Inc.
 27 Wellington Road
 Lincoln, RI 02865 USA

Telephone Numbers

Emergency Tel.

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

Telephone/Fax Number

1-401-642-8400;1-800-345-2822

Contact Details

msds@vitaldiagnostics.com

2. HAZARDS IDENTIFICATION

Human Health Hazards

Causes severe burns.

Safety Hazards

No specific hazards under normal use conditions.

Environmental Hazards

No specific hazards under normal use conditions.

Other Information

HMIS rating: Health - 3, Flammability - 0, Reactivity - 1

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS	Proportion
Hydrochloric acid	7647-01-0	1-4 %
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.

Other Information

NFPA rating.



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

Appearance

Clear colourless solution.

Odour

Characteristic.

Odour Threshold

Not applicable

pH Value

Data not available.

Vapour Pressure	Not established.
Boiling Point	Not established.
Melting Point	Similar to water.
Solubility in Water	Not established.
Solubility in Organic Solvents	Not applicable
Specific Gravity (H₂O=1)	Not established.
Flash Point	Not flammable.
Flammable Limits	Not applicable.
Auto-Ignition Temperature	Not applicable
Kinematic Viscosity	Not established.
Evaporation Rate	Not available
Vapour Density (Air=1)	Not available

10. STABILITY AND REACTIVITY

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

IMDG UN Number

1789

IMDG Hazard Class

8

IMDG Packing Group

II

IMDG EMS

8-03

IMDG Proper Shipping Name

HYDROCHLORIC ACID SOLUTION

IATA UN Number

1789

IATA Hazard Class

8

IATA Packing Group

II

IATA Proper Shipping Name
HYDROCHLORIC ACID SOLUTION

IATA Symbol
Corrosive

DOT UN NO
1789

DOT Packing Group
II

DOT DOT Identification
UN1789

DOT Special Requirements
A3,A6,B3,B15,IB2,N41,T8,TP2,TP12

15. REGULATORY INFORMATION

TSCA (USA)	All components listed.
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California Proposition 65
Not listed.

SARA (313) Chemicals
Hydrochloric acid.

16. OTHER INFORMATION

SDS History

Date prepared: 2013-11-12

... End Of SDS ...