

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

Product Eon® 300 System Solution
Product Code 79510
Infosafe No. CV432 GB/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

Vital Diagnostics Inc.

Telephone Numbers

Emergency Tel.

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Contact Details

msds@vitaldiagnostics.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation Description

This kit contains an aqueous reagents solution.

Name	CAS	EINECS	Proportion	Hazard	R Phrase
Sodium hydroxide	1310-73-2	215-185-5	0.5-2 %		
Water and other constituents determined not to be hazardous	-	-	Balance		

3. HAZARDS IDENTIFICATION

Human Health Hazards

Irritating to eyes and skin.

Safety Hazards

No specific hazards under normal use conditions.

Environmental Hazards

No specific hazards under normal use conditions.

Other Information

HMIS rating: Health – 2, Flammability – 0, Reactivity – 1

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 copious quantities of water. Seek medical attention.

Ingestion

Wash out mouth with water. Seek medical attention.

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 if splashes are likely to occur.

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
Sodium hydroxide	ACGIH	STEL	2	mg/m ³	
Sodium hydroxide		PEL	2	mg/m ³	

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	Data not available.
Odour Threshold	Not established.
pH Value	Not established.
Vapour Pressure	Not established.
Boiling Point	Not established.
Melting Point	Not established.
Solubility in Water	Not established.
Specific Gravity (H₂O=1)	Not established.
Flash Point	Not established.
Flammable Limits	Not established.
Auto-Ignition Temperature	Not established.
Kinematic Viscosity	Not established.
Evaporation Rate	Not established.
Vapour Density (Air=1)	Not available.

10. STABILITY AND REACTIVITY**Conditions to Avoid**

Avoid contact with incompatible materials.

Materials to Avoid

Strong oxidizers, strong acids, 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

Data not available.

Eye Irritation

Irritant.

Skin Irritation

Irritant.

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

Transport Information

Not dangerous for transport under DOT, IMO, and IATA/ICAO codes.

IMDG Hazard Class

None Allocated

IMDG Packing Group

None Allocated

IATA Hazard Class

None Allocated

IATA Packing Group

None Allocated

DOT Packing Group

None Allocated

15. REGULATORY INFORMATION

TSCA (USA)	Not established.
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California Proposition 65

Not listed.

SARA (313) Chemicals

Not listed.

16. OTHER INFORMATION

SDS History

Date prepared: 2011-11-12

... End Of SDS ...