

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

Product Eon® 300 Carbon Dioxide Calibrator
Product Code 79125
Issued Date 2013/11/14
Product Type/Use In-Vitro Medical Diagnostics.

Supplier

Vital Diagnostics
 27 Wellington Road
 Lincoln, Rhode Island 02865
 U.S.A.

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

Tel: 1-401-642-8400
 Fax: 1-800-345-2822

Contact Details

msds@vitaldiagnostics.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation Description

This kit contains two reagents of an aqueous solution determined not to be hazardous.

Name	CAS	EINECS	Proportion	Hazard	R Phrase
Carbon Dioxide Calibrator					
Water and other constituents determined not to be hazardous	-	-	100%		
Saline					
Sodium Chloride	7647-14-5	231-598	>=0.5-<=1%		
Water and other constituents determined not to be hazardous	-	-	>=99%		

3. HAZARDS IDENTIFICATION

Human Health Hazards

Contact with the eyes may result in irritation.
 Prolonged or repeated skin exposure may cause skin rashes in some individuals.

Safety Hazards

No specific hazards under normal use conditions.

Environmental Hazards

No specific hazards under normal use conditions.

Other Information

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

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. If symptoms develop seek medical attention.

Eye

Flush eye with copious quantities of water. Seek medical advice if effects persist.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly 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. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Protective Equipment

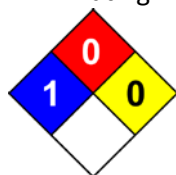
Proper protective equipment.

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

Place inert absorbent material onto spillage 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 in a cool, dry, well-ventilated area. Store away from incompatible materials.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits

No Exposure Limit Established.

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

Colour	Carbon Dioxide Calibrator: Clear, colourless solution. Saline: Clear, colourless solution.
Form	Liquid
Odour	Odourless
Odour Threshold	Not available
pH Value	Not established.
Vapour Pressure	Not established.
Boiling Point	Not established.
Melting Point	Similar to water.
Solubility in Water	Soluble.
Solubility in Organic Solvents	Not applicable.
Specific Gravity (H₂O=1)	Saline: 1.000g/cm ³ @20°C
Flash Point	Not available.
Flammable Limits	Not combustible.
Auto-Ignition Temperature	Not applicable.
Kinematic Viscosity	Not available.
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 oxidizing agents.

Hazardous Decomposition Products

Saline – Hazardous decomposition products formed under fire conditions – Hydrogen chloride gas, sodium oxides.

11. TOXICOLOGICAL INFORMATION**Toxicology Information**

No toxicity data is available for this product.

Acute Toxicity - Oral

Data not available.

Acute Toxicity - Dermal

Data not available.

Acute Toxicity - Inhalation

Data not available.

Eye Irritation

May cause irritation.

Skin Irritation

May cause irritation.

Respiratory Irritation

May cause irritation.

Skin Sensitisation

Not expected to be a skin sensitizer.

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 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)	All components listed.
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California Proposition 65

Not listed.

SARA (313) Chemicals

Not listed.

16. OTHER INFORMATION

SDS History

Date prepared: 2013-11-04

... End Of SDS ...