

Safety Data Sheet

1. Identification of substance/mixture and of the company/undertaking

Intended use: Eurotrol GAS-ISE Metabolites for Epocal is an assayed blood gas, electrolyte and metabolite reference material, to verify the precision and accuracy of the epoc[®] Blood Analysis System, measuring the following parameters: pH, pCO₂, pO₂, Na⁺, K⁺, Ca⁺, Cl⁻, Glu, Lac, Urea, Creatinine and iMg⁺⁺. Eurotrol GAS-ISE Metabolites is also developed to verify calibration, operating temperature and other performance characteristics.

Product name: ***Eurotrol GAS-ISE Metabolites / epoc Calibration Verification Fluids***

Product code: REF ***179.001.010 (GAS-ISE Metabolites - Level 1)***
REF ***179.002.010 (GAS-ISE Metabolites - Level 2)***
REF ***179.003.010 (GAS-ISE Metabolites - Level 3)***
REF ***183.000.005, 183.005.001 (epoc Calibration Verification Fluids)***

Manufacturer: Eurotrol B.V., Keplerlaan 20, 6716 BS Ede, The Netherlands,
Phone: +31 318 695777

In emergency call **+31 318 695777** for further information.

For **US and Canadian customers**: In emergency call **+1-978-598-3779** for further information.

2. Hazards identification

Product does not contain any ingredient with an individual concentration of $\geq 1\%$ by weight that poses health or environmental hazards or any ingredient for which there are Community workplace exposure limits.

Appearance: Clear liquid

Odour: Odourless

Physical State: Liquid

3. Composition/information on ingredients

Water, electrolytes, metabolites and controlled mixture of oxygen, nitrogen and CO₂ gases.

4. First aid measures

Inhalation: N/A

Skin contact: May cause irritation; Normal hygiene

Eye contact: May cause irritation; Flush with water for >15 minutes in case reagent contacts eyes

Ingestion: Ingestion of this product may cause choking, vomiting or nausea.

5. Firefighting measures

Not flammable.

Follow general fire fighting procedures.

Hazardous Combustion Products: Thermal decomposition may emit carbon monoxide and carbon dioxide.

6. Accidental release measures

In case of spill of material clean with water.

7. Handling and storage

Handling: Follow Good Laboratory Practice

Storage: Store product as indicated on product label.

8. Exposure controls / personal protection

Follow Good Laboratory Practice

9. Physical and chemical characteristics

pH See value sheet

Boiling point (°C) Not established

Melting point (°C)	Not established.
Appearance	Clear Liquid
Odour	Odourless
Physical state	Liquid
Solubility in water	Soluble
Vapour pressure	Not established.
Vapour density	Not established.
Flash point	Not flammable.

10. Stability and reactivity

According to applicable regulations, this product does not contain chemical ingredients classified as hazardous or in sufficient concentrations to classify the product as hazardous.

Conditions to avoid Freezing or boiling the product

11. Toxicological information

According to applicable regulations, this product does not contain chemical ingredients classified as hazardous or in sufficient concentrations to classify the product as hazardous.

12. Ecological information

According to applicable regulations, this product does not contain chemical ingredients classified as hazardous or in sufficient concentrations to classify the product as hazardous.

13. Disposal considerations

Do not dispose of in general waste. Consult local environmental authorities for proper disposal.

14. Transport information

According to DOT and IATA, the product is classified as: NON-HAZARDOUS

Proper Shipping Name:	Not regulated
Technical Name:	
UN Number:	N/A
Hazard Class and Packaging Group:	N/A
Label(s):	N/A
Packing Instruction (Passenger Aircraft):	N/A
Packing Instruction (Cargo Aircraft):	N/A
Shipping Container Type:	N/A
Sales Unit:	glass ampule, containing 2.5 mL material

15. Regulatory information

- EU:
 - o Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals [REACH];
 - o Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures [EU-GHS/CLP];
- US:
 - o Guidelines for Importation #1121;
 - o Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

16. Other information

For in-vitro diagnostic use only.

The opinions expressed herein are those of qualified experts within Eurotrol B.V. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Eurotrol B.V., it is the users' obligation to assure safe use of the product.

Date of issue:
February 23, 2016