

Safety Data Sheet

according to *Work Health and Safety Act* and *Work Health and Safety Regulations*

Section 1: Product identifier and identity for the chemical

1.1 Product identifier

Eurotrol GlucoTrol-NG

1.2 Other means of identification

Product name	Reference number
Eurotrol GlucoTrol-NG, Level 1	146.001.002
Eurotrol GlucoTrol-NG, Level 2	146.002.002
Eurotrol GlucoTrol-NG, Level 3	146.003.002
Eurotrol GlucoTrol-NG, Level 4	146.004.002
Eurotrol GlucoTrol-NG, Level 5	146.005.002

1.3 Recommended use of the chemical and restrictions on use

Eurotrol GlucoTrol-NG is an assayed glucose control intended for professional use in the verification of the precision and accuracy of the HemoCue Glucose systems.

1.4 Details of manufacturer or importer

Manufacturer	Importers/Distributors	
Eurotrol B.V.	Australian customers	New Zealand customers
Keplerlaan 20	Radiometer Pacific Pty Ltd	Radiometer Pacific
6716 BS Ede	1st Floor 96 Ricketts Road	3/33 Spartan Road
The Netherlands	Mt Waverley, Vic. 3149	Takanini, 2105
Mail: office@eurotrol.com	Australia	Auckland, New Zealand
Phone: +31 (0) 318 695777	Phone: 1800 247 254	Phone: 0800 723 287
	www.radiometer.com.au	www.radiometer.co.nz

1.5 Emergency telephone number

In case of emergency, call the following emergency contacts:

Australian customers:

Phone: **000** (mobile phones **112**)

Australian Poisons Information Centre Phone:
13 11 26

New Zealand customers:

Phone: **111**

New Zealand Poisons Centre Phone:
0800 764 766

Section 2: Hazard(s) identification

2.1 Classification of the chemical

None of the compounds in the mixture of the product are known to constitute health or physical hazards and are therefore not classified.

2.2 Label elements

Signal word:	Not applicable.
Hazard statement(s):	Not applicable.
Precaution statement(s):	Not applicable.

2.3 Other hazards which do not result in classification

This product contains material of bovine origin. Bovine based materials do not carry Hepatitis B Surface Antigen (HbsAg), Hepatitis C Virus (HCV) and Human Immunodeficiency Virus (HIV-1/HIV-2). The product is free from transmissible spongiform encephalopathies (TSEs). However, no test method can offer complete assurance that products derived from bovine source material are free from infectious agents and may transmit infectious agents.

Section 3: Composition and information on ingredients

Description:	Purified bovine plasma with glucose. Preservatives are added to the matrix.
Dangerous components:	Not applicable.
Additional information:	None.

Section 4: First-aid measures

4.1 Description of necessary first-aid measures

After inhalation: Not applicable.

After skin contact: Wash off with disinfectant or soap and plenty of water.

After eye contact: Flush with water for >15 minutes in case reagent contacts eyes.

After ingestion: Rinse mouth thoroughly with water. If substance has been swallowed, drink large quantities of water and seek medical advice.

4.2 Symptoms caused by exposure

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

4.3 Medical attention and special treatment

Consult a physician after ingestion of the product. Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1 Suitable (and unsuitable) extinguishing media

Use water, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No data on specific hazards available.

5.3 Special protective equipment and precautions for fire-fighters

Standard precautions and protective equipment should be used.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Always wear protective gloves and a lab coat.

6.2 Environmental precautions

The product does not pose an environmental hazard, therefore no special environmental precautions are needed.

6.3 Methods and materials for containment and cleaning up

In case of spill of material, clean with disinfectant or water and soap. Keep left over waste in suitable, closed containers for disposal.

Section 7: Handling and storage

7.1 Precautions for safe handling

Follow Good Laboratory Practice (GLP).

7.2 Conditions for safe storage, including any incompatibilities

Store the product as indicated on the product label.

Section 8: Exposure controls and personal protection

8.1 Exposure control measures

8.1.1 Biological monitoring

No relevant information available.

8.1.2 Control badging

No relevant information available.

8.2 Appropriate engineering controls

Follow Good Laboratory Practice (GLP).

8.3 Individual protection measures

Eye/face protection: Use equipment for eye protection tested under appropriate government standards.

Skin protection: Use protective gloves.

Body protection: Wear protective clothing.

Respiratory protection: Respiratory protection not required.

8.4 Thermal hazards

No relevant information available.

Section 9: Physical and chemical properties

a) Appearance	Clear yellowish liquid in a plastic dropper bottle.
b) Odour	No odour.
c) Odour threshold	No data available.
d) pH	~ 7 (neutral)
e) Melting point/freezing point	~ 0 °C
f) Initial boiling point and boiling range	~ 100 °C
g) Flash point	No flash point.
h) Evaporation rate	Similar to water, but product is placed in a closed container.
i) Flammability (solid, gas)	Product is not flammable.
j) Upper/lower flammability or explosive limits	No data available.
k) Vapor pressure	No data available.
l) Vapor density	No data available.
m) Relative density	~ 1 g/mL.
n) Solubility	Soluble in water.
o) Partition coefficient: n-octanol/water	Unknown, but solution should be considered hydrophilic.
p) Auto-ignition temperature	No data available.
q) Decomposition temperature	No data available.
r) Viscosity	No data available.
s) Specific heat value	No data available.
t) Particle size	No data available.
u) Volatile organic compounds	No data available.
v) % volatile	No data available.
w) Saturated vapor concentration	No data available.
x) Release of invisible flammable vapours and gases	No data available.

Section 10: Stability and reactivity

10.1 Reactivity

The product is not considered to have reactive hazards.

10.2 Chemical stability

The product has been validated to be chemically stable at least up until the expiration date under anticipated storage and handling conditions. Even beyond this date, the product is not expected to provide additional health risks.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Exposing the product to temperatures below 0 °C or temperatures above 30 °C.

10.5 Incompatible materials and possible hazardous reactions

No data available.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

Section 11: Toxicological information

11.1 Toxicological health effects (for both acute and chronic effects)

- | | |
|--------------------------------------|------------------------------------|
| a) acute toxicity | No relevant information available. |
| b) skin corrosion/irritation | No relevant information available. |
| c) serious eye damage/irritation | No relevant information available. |
| d) respiratory or skin sensitization | No relevant information available. |
| e) germ cell mutagenicity | No relevant information available. |
| f) carcinogenicity | No relevant information available. |
| g) reproductive toxicity | No relevant information available. |
| h) STOT-single exposure | No relevant information available. |
| i) STOT-repeated exposure | No relevant information available. |
| j) aspiration hazard | No relevant information available. |

11.2 Possible routes of exposure (inhalation, ingestion, skin and eye contact)

Product does not contain components at levels greater ≥ 0.1 % that are identified as probable, possible, or confirmed to be toxic. Nevertheless, product should not be ingested.

11.3 Symptoms related to exposure

No relevant information available.

11.4 Numerical measures of toxicity

No relevant information available.

11.5 Immediate, delayed and chronic effects from short- and long-term exposure

No relevant information available.

11.6 Exposure levels and health effects

No relevant information available.

11.7 Interactive effects

No relevant information available.

Section 12: Ecological information

12.1 Ecotoxicity

Product does not contain components at levels greater ≥ 0.1 % that are identified as probable, possible, or confirmed to be environmentally toxic.

12.2 Persistence and degradability

Product is biodegradable.

12.3 Bioaccumulative potential

No relevant information available.

12.4 Mobility in soil

No relevant information available.

12.5 Other adverse effects

No relevant information available.

Section 13: Disposal considerations

13.1 Safe handling and disposal methods

Do not dispose of in general waste, treat as medical waste. Consult local environmental authorities for proper disposal. In case of contaminated packaging, dispose of the unused product.

13.2 Environmental regulations

Not applicable.

Section 14: Transport information

According to ADR, ADN, RID, IMDG and IATA the product is not classified as a dangerous good.

14.1 UN number	Not applicable.
14.2 UN proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Environmental hazards	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Additional information	Not applicable.
14.8 Hazchem or Emergency Action Code	Not applicable.

Section 15: Regulatory information

This Safety Data Sheet complies with the following regulations:

- Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Section 16: Other information

The information in this Safety Data Sheet are based on our current knowledge. This SDS has been compiled exclusively for this product and is intended exclusively for this product. It guaranties no product characteristics and does not ensure a legal relationship. Since the implementation of the information and the operating conditions of the product given in this SDS are not controlled by Eurotrol B.V., the user is responsible for the safe use of the product.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

Revision history

Revision	Effective date	Change to previous revision
0.1	2015-09-16	First issue.
01	2016-12-23	Acquired new regulations.
02	2023-04-21	Updated to latest legislation and transferred contents to new template.