

PRODUCT SAFETY DATA SHEET

1: IDENTIFICATION

1.1 Product Identifier

Product Name: GonoGen II
Product Code: CK7240

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: *In vitro* diagnostic product; Laboratory reagent
Uses advised against: No information available

1.3 Details of supplier of the product and safety data sheet

Supplier:

BioConnections
 Brindley Court
 Victoria Business Park
 Knypersley
 ST8 7PP
 Phone No: 01782 516010
 Emergency Phone No: None available

 Email: welcome@bioconnections.co.uk

2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

CLP Classification – Regulation (EC) No. 1272/2008:

Physical hazards: Not classified
Health hazards: Not classified
Environmental hazards: Not classified

2.2 Label elements

Pictogram: No pictogram
Signal word: None
Hazard statements: Not applicable
Precautionary statements: Not applicable

2.3 Classification according to EU Directive 67/548/EEC or 1999/45/EC

Hazard symbol: None
R-phrases: None
S-phrases: None

2.4 Other hazards

No information available

3: COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	EC-Number	Concentration (%)	CLP Classification-1272/2008/EC
Sodium Azide	26628-22-8	247-852-1	0-0.05	Acute Tox.2; Acute Tox.1; Aquatic Acute 1; Aquatic Chronic 1; H300, H310, H373, H400, H410

For the full text of the H-Statements mentioned above, please refer to section 16

4: FIRST-AID MEASURES

4.1 Description of First Aid measures

General advice:	Not expected to present a significant hazard under anticipated conditions of normal use.
Eye contact:	Rinse thoroughly with plenty of water for 10 to 15 minutes, also under the eyelids. Obtain medical attention if irritation persists.
Skin Contact:	Wash off skin thoroughly with soap and plenty of water. Obtain medical attention if irritation persists.
Ingestion:	Rinse mouth out with plenty of water. Obtain medical attention if you feel unwell.
Inhalation:	Move person to fresh air. Obtain medical attention immediately if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indicate any immediate medical attention and special treatment needed

No information available.

5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Use water spray, resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons: No information available.

5.2 Special hazards arising from the substance or mixture:

Not known.

5.3 Advice for fire-fighters:

Follow standard procedures for chemical fires.

5.4 Additional information:

No data available

6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

Ensure adequate ventilation. Wear appropriate protective equipment.

6.2 Methods and materials for containment and cleaning up:

No special environmental precautions required.

6.3 Methods and materials for contamination and cleaning up:

Soak up with inert absorbent material

6.4 Further information:

No data available.

7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Use personal protective equipment as required.

7.2 Conditions for safe storage:

Store as specified on product label (2 to 8°C). Keep in the container provided.

7.3 Specific end use(s):

In-Vitro diagnostic product, this product is for laboratory use only and should be used only by suitably qualified personnel.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Components with workplace control parameters:

Chemical Name	CAS-No.	Form of Exposure	Control Parameter	Basis
Sodium Azide	26628-22-8	TWA	0.1mg/M ³	European Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

8.2 Exposure controls:

Appropriate engineering controls

Ensure adequate ventilation

Personal protective measures

Body protection	Wear standard microbiology laboratory coat.
Eye/face protection	Safety glasses with side shields conforming to EN166
Skin and Hand protection	Handle with suitable gloves conforming to EN374
Respiratory protection	In case of insufficient ventilation use suitable respirator
General Hygiene Measures	Handle in accordance with good laboratory practice.

Environmental exposure controls

No special environmental precautions required.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State: liquid
Odour	Colour: clear
Odour Threshold	No data available
pH	No data available
Melting Point/Freezing Point	6-8
Boiling Point/Boiling Range	Mixture has not been tested
Flash Point	Mixture has not been tested
Evaporation rate	Mixture has not been tested
Flammability (solid, gas)	Mixture has not been tested
Upper/lower flammability or explosive limits	Mixture has not been tested
Vapour pressure	No data available
Vapour density	No data available
Relative density	Mixture has not been tested
Water solubility	Mixture has not been tested
Partition coefficient (n-octanol/water)	Mixture has not been tested
Auto ignition temperature	Mixture has not been tested
Decomposition temperature	Mixture has not been tested
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Other information	No data available

10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No information available

10.5 Incompatible materials

No dangerous reactions known under conditions of normal use

10.6 Hazardous decomposition products

None under normal use conditions.

11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Sodium Azide	27mg/Kg (rat)	No data available	No data available

11.2 Toxicological data for the components

Acute toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/ eye irritation:	No data available.
Respiratory or skin sensitisation:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Specific target organ toxicity – single exposure:	No data available.
Specific target organ toxicity – repeated exposure:	No data available.
Aspiration hazard:	No data available.

12: ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical Name	Freshwater Algae	Water Flea	Freshwater Fish
Sodium Azide	No data available	No data available	No data available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The mixture does not contain any substances that are assessed to be a PBT or vPvB at levels of 0.1% or higher

12.6 Other adverse effects.

No information available.

13: DISPOSAL CONSIDERATIONS

Disposal considerations:	Dispose of in accordance with local and national regulations. Dispose of all used contaminated waste, e.g. used wells, according to local microbiological rules.
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14: TRANSPORT INFORMATION

14.1 UN Number

ADR/RID: IMDG: IATA: Not applicable, not classified as dangerous in the meaning of transport regulations

14.2 UN proper shipping name

ADR/RID: IMDG: IATA: Not applicable, not classified as dangerous in the meaning of transport regulations

14.3 Transport hazard class(es)

ADR/RID: IMDG: IATA: Not applicable, not classified as dangerous in the meaning of transport regulations

14.4 Packaging group

ADR/RID: IMDG: IATA: Not applicable, not classified as dangerous in the meaning of transport regulations

14.5 Environmental hazards

ADR/RID: IMDG: IATA: Not applicable, not classified as dangerous in the meaning of transport regulations

14.6 Special precautions for user

Not applicable, not classified as dangerous in the meaning of transport regulations

15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances of very high concern None

Restricted substances (EC 1907/2006, annex XVII) None

Substance listing (EC 689/2008, annex I) None

Restricted substance (EC 689/2008, annex V) None

15.2 Chemical safety assessment

Chemical safety assessment reports are not required for mixtures/IVD products.

16: OTHER INFORMATION

Full text of the H-Statements mentioned in section 3

H300 Fatal if swallowed

H310 Fatal in contact with skin

H373 May cause damage to organs through prolonged or repeated exposure if swallowed

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used as a guide only. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product and is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. BioConnections shall not be held liable for any damage resulting from handling or from contact with the above product.