



FastGene® Block & Go

Cat. No.	Product	Content
FG-CH05	FastGene® Block & Go	500 mL

1. Identity of the substance and the manufacturer

1.1. Name of the substances or preparations

FastGene® Block & Go

1.2. Recommended use of the chemical and restrictions on use

Laboratory research use only.

1.3. Name and address of the manufacturer

NIPPON Genetics EUROPE GmbH
Mariaweilerstraße 28 a
52349 Düren
Germany

1.4. Emergency telephone contact

+49 2421/554960

2. Hazards identification

2.1. Classification of the substance or mixture

This product is exempt from hazard classification according to OSHA Hazard communication Standard, 29 CFR 1910.1200.

2.2. Labelling elements

2.2.1. Labelling according to the Regulation (EC) No. 1272/2008 (CLP)

2.2.1.1. Substance on the label

No specific substances inside.



2.2.1.2. Pictograms

None.

2.2.1.3. Signal word

None.

2.2.1.4. H statements

None.

2.2.1.5. H statements

None.

2.3. Other hazards

On PBT or vPvB properties of the product or its ingredients according to the criteria of REACH Annex XIII no information is available.

Physical-chemical hazardous effects are unknown. On complains and symptoms as well as to harmful effects no data are available.

3. Composition/information about the components

3.1. Substances

Not relevant.

3.2. Mixtures

3.2.1. Chemical characterization

Aqueous solution.

Chemical name	CAS No.	Content
Water	7732-18-5	>50%
Anionic surfactant	unknown	0.15-5%
Mineral acid	unknown	01.-5%

Components not listed here are not hazardous or their concentrations do not exceed the limits specified in the OSHA Hazard Communication Standard 29.CFR 1910.1200.



4. First-aid measures

4.1. Description of necessary first-aid measures

4.1.1. General information



No specific information needed.

4.1.2. Inhalation

Move to fresh air. If symptoms persist, call a physician.

4.1.3. Skin contact

Wash off immediately with plenty of water. If symptoms persist, call a physician.

4.1.4. Eye contact



Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. If eye irritation persists, call a physician.

4.1.5. Ingestion

Never give anything by mouth to an unconscious person. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

Not relevant.

4.3. Indication of any immediate medical attention and special treatment needed

Decontamination, symptomatic treatment. No specific antidote known.



5. In case of fire

5.1. Suitable extinguishing agents



The product is not combustible, adapt the measures to the environment: water spray, carbon dioxide, extinguishing foam and dry extinguishing agent.

5.2. Not suitable extinguishing agents

Water jet.

6. In case of spillage

6.1. Personal precautions, protective equipment and emergency procedures

- Use personal protective equipment.

6.2. Environmental precautions

- Not applicable.

6.3. Containment and cleanup

- Soak up with inert absorbent material.

7. Handling and storage

7.1. Safe handling

Wash thoroughly after handling. Wash hands before eating. Keep container tightly closed. Use with adequate ventilation.

7.2. Safe storage

Keep container closed when not used. Store at RT.



7.3. Specific end uses

None.

8. Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limits

No information available.

8.1.2. Biological exposure limits

No information available.

8.1.3. DNEL and PNEC values

No information available.

8.2. Exposure controls

8.2.1. Personal protection

8.2.1.1. Respiratory protection



- No respiratory protection is necessary when working with the small quantities intended for the product.
- In case of exceptional operating conditions, working with larger quantities and with the risk of aerosol formation use suitable respiratory protection, e.g. half-masks according to EN 140 with filters according to EN 143-P1.
- Observe wearing time limit.

8.2.1.2. Hand protection



- At the risk of skin contact with the product, ensure adequate protection by wearing suitable protective gloves, e.g. according to EN 374.
- Before use, test protective gloves for suitability under the specific working conditions (e.g., mechanical resistance, product compatibility and antistatic properties).
- Observe the instruction and information on the use, storage, maintenance and replacement of protective gloves.



- Damaged and worn protective gloves should be replaced immediately.
- According to the Safety Test Report, gloves made of latex (ECO Latex PF250) and nitrile (Orange Nitril 260) are not penetrated under the conditions of the Midori glove penetration test.

8.2.1.3. Eye protection



- Eye protection goggles with side protection (EN 166).

8.2.1.4. Skin protection

- Use clothing usual in the chemical industry.
- Skin protection agents are not as effective as protective gloves, so they should be preferred as much as possible.
- If no protective gloves can be worn, apply water-insoluble skin protection preparations to the clean skin before starting work and after every break.
- Before breaks and at the end of work, skin cleansing with soap and water is required.
- After cleansing, use a greasy skin care product.

8.2.1.5. Body protection

- Special body protection generally not required, normal work clothes adequate.

8.2.1.6. General protection and hygiene measure

- Do not eat, drink or smoke during working hours.
- Keep away from food and drink.
- Avoid contact with eyes and skin.
- Remove contaminated and soaked clothing immediately.
- Wash hands before breaks and after work.

8.2.2. Limitation of the environmental exposure

Avoid leaks and spills.

8.2.3. Limitation of the consumer's exposure

Avoid inhalation of vapors, mists or gases, remove sources of ignition.



9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1.1. Appearance

Physical status: liquid

Color: colorless

Odour: odourless

9.1.2. Fundamental data relevant for security

Parameter	Remark
Melting point/range	n.a.
Boiling point/range	100°C
Flash point	n.a.
Autoignition temperature	Do not autoignition
Oxidation properties	13.2 at 20°C
Water solubility at 20 °C	moderate

n.a.: not applicable

9.2. Other information

Not relevant.

10. Stability and reactivity

The material is considered to be non-reactive under normal use conditions.

10.1. Conditions/materials to avoid

Metals.

10.2. Hazardous decomposition products

No information available.

10.3. Hazardous polymerization

Hazardous polymerization does not occur.



11. Toxicological information

11.1. Information on toxicological effects

11.1.1. Toxicokinetics, metabolism and distribution

No data available.

11.1.2. Acute toxicity

No irritant effect.

11.1.3. Corrosive and irritation effects

No data available.

11.1.4. Sensitizing effects

No data available.

11.1.5. Subacute and chronic toxicity

No data available.

11.1.6. Carcinogenicity, mutagenicity and reproduction toxicity

On carcinogenicity, mutagenicity and reproduction toxicity of the product no data are available.

11.1.7. Experience from practise

No data available.

11.1.8. General remarks

When handled appropriate and used as intended, the product does not cause harmful effects according to our experience and current information. May cause irritation of eyes and skin with susceptible persons. Harmfull if swallowed.

12. Ecological information

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because these components that may be release are expected to have insignificant environmental impact.



13. Disposal considerations

Dispose of contents/container in accordance with the local/regional/national/international regulations.

14. Transport information

There are no transport specific regulations.

15. Regulatory information

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory requirements.

16. Other information

16.1. NFPA Hazard Classification

Health	0
Flammability	0
Instability	0
Special hazards	0

16.2. Remarks

This information is based on our present knowledge. Its objective is to describe the product from the point of view of safety, and no warranty is made other than its characteristics. This information does not absolve the user in any circumstances from observing other Legislative, Regulatory and Administrative requirements applying to the product, and to safety, hygiene and the well-being of the people in the workplace.



NIPPON GENETICS EUROPE GmbH

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