

FastGene® MOPS Buffer Pouches

Safety Data Sheet according to Annex II of the Regulation (EC) No. 1907/2006 (REACH), amended by the Regulation (EU) 2015/830 and 2018/675

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Section 1: Identification

Product identifier

Product Name: FastGene® MOPS Buffer Pouches

Product Code: PG-MOPS10

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

Recommended use: For research use only

Details of the supplier of the safety data sheet

Supplier:

NIPPON Genetics EUROPE GmbH
Mariaweilerstraße 28-30
D- 52349 Düren, Germany
Phone.: +49 (0) 2421 / 554960
Fax: +49 (0) 2421 / 5549611
E-Mail: info@nippongenetics.de
Internet: www.nippongenetics.eu

Information on further details at:

Technical Support
Phone: +49 (0) 2421 / 554960
Fax: +49 (0) 2421 / 5549611
E-Mail: sdb@nippongenetics.de

Emergency telephone number

Phone: +49 (0) 2421 / 554960
Within the business hours: Monday to Friday, 8 a.m. to 5 p.m

Section 2: Hazards identification

According to OSHA 29 CFR 1910.1200 HCS

Emergency Overview: Power for an aqueous solution. Toxicological properties of components have not been fully investigated.

Health Effects: Not classified

Inhalation: Not known to present an inhalation hazard under normal use.

Skin: Causes skin irritation

Eyes: Causes serious eye irritation

Ingestion: May be harmful if swallowed.

Chronic Effects/Target Organ Effects: None known.

Medical Conditions Aggravated By Exposure: None known.

Environmental Effects: None known.

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Section 3 - Composition/Information on Ingredients

Substances: Powder with components listed below

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Chemical Name	CAS-No	EINECS-No	Weight %
SDS	151-21-3	205-788-1	5.6
Tris	77-86-1	201-064-4	34
EDTA	60-00-4	200-449-4	1.7
MOPS	1132-61-2	214-478-5	58.7

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4: First-Aid Measures

Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Skin	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Eye	Rinse immediately with plenty of water, also under the eyelids, for at least 15minutes. If symptoms persist, call a physician
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Section 5: Fire-Fighting Measures

Extinguishing Media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special Exposure Hazards : Not known .

Special Protective Equipment: Standard procedure for chemical fires.

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Section 6 - Accidental Release Measures

Personal Precautions	Always wear recommended Personal Protective Equipment. Use personal protection equipment.
Emergency Procedures	Soak up with inert absorbent material.
Environmental precautions	No special environmental precautions required.

Section 7 - Handling and Storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Storage: Keep in a dry, cool and well-ventilated place.

Specific Uses: For R&D/experimental use only; Electrophoresis precast gels.

Section 8 - Exposure Controls/Personal Protection

Exposure Controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Respiratory Protection: Respiratory protection not required in normal conditions.

Eye/Face Protection: Chemical goggles or safety glasses.

Skin/Hand Protection: Wear protective gloves.

Limitation of environmental exposure: Avoid leaks and spills.

Section 9 - Physical and Chemical Properties

Appearance: Powder

Odor: White

Flash point: Not available

Viscosity: Not available

Solubility: Not available

Density (water = 1): .. Not available

Partition coefficient: . Not available

Boiling point: Not available

Melting point: Not available

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pH: Not available

Other: Not available

Section 10: Stability and Reactivity

Stability: Stable under normal conditions.

Conditions To Avoid: Direct sunlight. Extremely high or low temperatures.

Materials To Avoid: No dangerous reaction known under conditions of normal use.

Hazardous Decomposition Products: Hazardous reaction has not been reported.

Section 11 - Toxicological Information

No toxicology information is available.

Section 12 - Ecological Information

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Mobility	No information available.
Biodegradation	Inherently biodegradable.
Bioaccumulation	Material does not bioaccumulate.

Section 13 - Disposal Considerations

Product waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

Product Name: FastGene® MOPS Buffer Pouches

Not known to be hazardous for transport.

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Section 15 - Regulatory Information

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

US Regulations:

This product meets the following SARA 311/312 hazard categories: none.

This product contains the following SARA 302 Extremely Hazardous Substances: none.

This product contains the following SARA 313 Toxic Chemicals: none.

This product contains the following CERCLA Hazardous Substances: none.

The components of this product are listed on TSCA.

EU Regulations:

This product does not meet the classification and labeling criteria under 1999/45/EC as a dangerous preparation. The components of this product are listed on the European Inventory of Existing Chemical Substances (EINECS) or meet the polymer exemption.

Canadian Regulations:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and it contains the information required by the CPR.

This product meets WHMIS classification D2B.

Components of this product are listed on the DSL.

Section 16 - Other Information

Date Created 11.02.2020

Version 1.1

Remarks: This information is only intended to describe the safety requirements of the product and is based on the present state of our knowledge. They do not constitute a guarantee for the characteristics of the product described in the sense of the statutory warranty regulations. Please refer to the respective product data sheets for the delivery properties. If the product mentioned in this Material Safety Data Sheet is blended, mixed or processed with other materials, the data in this Material Safety Data Sheet may not be transferred to the new material, unless otherwise specified. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product.

End of MSDS