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Safety Data Sheet

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

1.1 Product identifier

Name: 6x NA Loading Buffer
Cat. No.: ID1654
EC Substance name: not available
CAS Number: not available
EC Number: not available
REACH Reference Number: not available

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

Identified uses: Chemicals for industrial and public laboratory analysis
For Research use only
Uses advised against: Unknown.

1.3 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

1.4 Emergency telephone no:

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

2. Hazards identification

2.1 GHS-Classification

Signal Word: None
Appearance: : transparent liquid
Hazard Statements: No information available

2.2 Principle Routes of Exposure Potential Health Effects

Eyes: No information available
Skin: No information available.
Ingestion: No information available.
Inhalation: No information available.
Chronic: No information available

2.3 Specific effects

Carcinogenic effects: None.
Mutagenic effects: None.
Reproductive toxicity: None.
Sensitization: None.
Target Organ Effects: No known effects under normal use conditions.

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3. Composition / information on ingredients:

3.1 Substances:


Chemical Name	CAS-No	EINECS-No	Weight %
No information applicable			

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

4. First aid measures

4.1 Description of the first aid measures:

4.1.1 General information:

 If complaints persist consult a physician. Remove contaminated cloths and shoes, thoroughly clean before re-use. If complaints and symptoms occur seek medical advice.


4.1.2 Inhalation:

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

4.1.3 Skin contact:

Rinse cautiously with water for several minutes. Get medical aid if irritation develops or persist.

4.1.4 Eye contact:

 Rinse immediately with plenty of water, also under the eyelids, for at least 20 minutes. If symptoms persist, call a physician.

4.1.5 Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

4.1.6 Notes to physician:

Treat symptomatically.

5. Firefighting measures

5.1 Extinguishing media



Suitable extinguishing media:

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

5.2 Special hazards arising from the substance or mixture:

Not known.

5.3 Special protective equipment for firefighters:

Standard procedure for chemical fires.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid the contact with skin, eyes and cloth, wear suitable protection equipment.

6.2 Environmental precautions:

No special environmental precautions required. See Section 12 for more information.

6.3 Methods and material for containment and cleaning up:

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

7.1 Precautions for safe handling:

Always wear recommended personal protective equipment. No special handling advices are necessary.

7.2 Storage

Keep in a dry, cool and well-ventilated place. Store in tightly closed container.

8. Exposure controls / personal protection

8.1 Engineering measures

Ensure adequate ventilation, especially in confined areas.

8.2 Personal protective equipment:



Hand protection:

Impervious gloves.



Eye protection:

Eye protection goggles with side protection (EN 166).



Skin and body protection

Lightweight protective clothing.



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.

8.3 Limitation of the environmental exposure:

No special environmental precautions required.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1.1 Appearance:

Physical status:	liquid
Color:	blue
Odor:	odorless
pH:	8-9

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9.1.2 Fundamental data relevant for security:

Parameter	Value
Boiling point / boiling range °C	No data available
Melting point / melting range °C	No data available
flash point: °C	No data available
Autoignition Temperature °C	No data available
Oxidizing properties	No data available
Water solubility	No data available

10. Stability and Reactivity

10.1 Stability:

Stable under the intended use and storage conditions.

10.2 Materials to avoid:

No information available

10.3 Hazardous decomposition:

Carbon monoxide, carbon dioxide, nitric oxide (NO) and ammonia (NH₃) fumes.

10.4 Product polymerization:

Hazardous polymerization does not occur.

11. Toxicological information

11.1 Information on toxicological effects:

No information available

12. Ecological information

12.1 Eco-toxicity:

The environmental impact of this product has not been fully investigated.

12.2 Mobility:

No information available.

12.3 Biodegradation:

Inherently biodegradable.

12.4 Bioaccumulation:

Material does not bioaccumulate.

13. Disposal considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

IATA

Proper shipping name

No dangerous good in sense of these transport regulations.

Hazard Class

This substance is considered to be non-hazardous for transport.

Subsidiary class

None

Packing group

None

UN-No

None

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15. Regulatory information

15.1 US Federal Regulations

No information available

16. Other information

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The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End of MSDS