SAFETY DATA SHEET
LYNX QUENCHER REAGENT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name
LYNX QUENCHER REAGENT

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses
For research use only.

1.3. Details of the supplier of the safety data sheet
Supplier
Web: www.bio-rad-antibodies.com
Bio-Rad
Endeavour House
Langford Business Park
Kidlington
Oxford
OX5 1GE
Tel. +44 (0)1865 852700
antibody_safetydatasheets@bio-rad.com

Contact person
Technical Services Manager

1.4. Emergency telephone number
Emergency telephone
+1 7037415970 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards
Not Classified
Health hazards
Not Classified
Environmental hazards
Not Classified

2.2. Label elements
Hazard statements
NC Not Classified

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Composition comments
None of the ingredients are required to be listed. No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures

4.1. Description of first aid measures
Inhalation
Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
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Ingestion
Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact
Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation
No specific symptoms known.

Ingestion
No specific symptoms known.

Skin contact
No specific symptoms known.

Eye contact
No specific symptoms known.

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

Notes for the doctor
No specific recommendations. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards
No unusual fire or explosion hazards noted.

Hazardous combustion products
No known hazardous decomposition products.

5.3. Advice for firefighters

Protective actions during firefighting
No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions
Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Non-hazardous substance.

6.4. Reference to other sections

Reference to other sections
For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
No specific recommendations. Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any Incompatibilities

Storage precautions
Refer to product label.

7.3. Specific end use(s)
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Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters
Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

Appropriate engineering controls No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Colourless.

Odour Odourless.

Odour threshold Not applicable.

pH Not available.

Melting point Not available.

Initial boiling point and range Not available. °C @ 7.2

Flash point Not applicable.

Evaporation rate Not available.

Upper/lower flammability or explosive limits Not applicable.

Vapour pressure Not applicable.

Vapour density Not applicable.

Relative density Not available.

Solubility(ies) Soluble in water.

Partition coefficient Not available.

Auto-ignition temperature Not applicable.
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Decomposition Temperature  Not available.
Viscosity  Not available.
Explosive properties  Not available.
Oxidising properties  Not available.

9.2. Other information
Other information  No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity  There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability  Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions  Not applicable.

10.4. Conditions to avoid
Conditions to avoid  There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials
Materials to avoid  No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Hazardous decomposition products  Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological effects  Not relevant.
Acute toxicity - oral
Notes (oral LD₅₀)  7.2

Skin corrosion/irritation
Extreme pH  7.2

Inhalation  May be harmful if inhaled. May cause respiratory system irritation.
Ingestion  May be harmful if swallowed.
Skin contact  May cause skin irritation/eczema.
Eye contact  May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity  Not regarded as dangerous for the environment.

12.1. Toxicity
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Toxicity
Not applicable.

Acute aquatic toxicity
Acute toxicity - fish
7.2

12.2. Persistence and degradability
Persistence and degradability
There are no data on the degradability of this product.

12.3. Bioaccumulative potential
Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient
Not available.

12.4. Mobility in soil
Mobility
The product is soluble in water.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects
Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Disposal methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

Road transport notes
Not classified.

Rail transport notes
Not classified.

Sea transport notes
Not classified.

Air transport notes
Not classified.

14.1. UN number
Not classified for transportation.

14.2. UN proper shipping name
Not classified for transportation.

14.3. Transport hazard class(es)
Not classified for transportation.

14.4. Packing group
Not classified for transportation.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
Not classified for transportation.
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14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Guidance
Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date 25/09/2018
Revision 3
Supersedes date 04/05/2016
SDS number 10548
Risk phrases in full Not classified.

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