## SAFETY DATA SHEET
### LYNX MODIFIER REAGENT

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

#### 1.1. Product identifier

**Product name**

LYNX MODIFIER 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**

Tel. +44 (0) 1865 852700 (9.00 a.m. - 5.00 p.m. Mon-Fri)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification**

**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
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Inhalation  Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

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)
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 hands 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 @

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.
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Auto-ignition temperature  Not applicable.
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)
Skin corrosion/irritation

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.
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12.1. Toxicity
Toxicity Not applicable.
Acute toxicity - fish

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

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 MARPOL73/78 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
04/05/2016
Revision
2
Supersedes date
22/12/2015
SDS number
10546
Risk phrases in full
Not classified.

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