

Kit Summary

Product Code(s) AB204733
Product name Red Blood Cell (RBC) Lysis Buffer

10X Red Blood Cell (RBC) Lysis Buffer

Chemical Name	EC-No	CAS-No	Weight %	Classification (Reg. 1272/2008)	REACH Registration Number
10X Red Blood Cell Lysis Buffer	-	9999999-99-5	100	-	No data available

GHS / CLP - Regulation (EC) No 1272/2008

Not dangerous

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear protective gloves/ protective clothing

2.3 Other information

No information available

TRANSPORT INFORMATION

ADR Not dangerous goods

IATA Not dangerous goods

DOT Not dangerous goods

Safety Data Sheet

Issuing date No data available

Revision Date 01-Aug-2018

Version 3

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Code(s) AB204733-CP274593
Product name 10X Red Blood Cell (RBC) Lysis Buffer

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use For research use only
Uses advised against No information available

1.3 Details of the supplier of the safety data sheet

Supplier
Abcam plc
330 Cambridge Science Park
Cambridge
CB4 0FL
UK
Tel: +44 (0)1223 696000
Fax: +44 (0)1223 215215

For further information, please contact: technical@abcam.com

1.4 Emergency Telephone Number

Emergency telephone - Tel: +44 (0)1223 696000 (08.00-17.00)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS / CLP - Regulation (EC) No 1272/2008

Ozone	Not applicable
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2.2 Label elements

Not dangerous

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear protective gloves/ protective clothing

2.3 Other information

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Name	EC-No	CAS-No	Weight %	Classification (Reg. 1272/2008)	REACH Registration Number
10X Red Blood Cell Lysis Buffer	-	9999999-99-5	100	-	No data available

For the full text of the H-Statements mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water. Drink plenty of water.
Inhalation	Move to fresh air.

4.2 Most important symptoms and effects, both acute and delayed

Main symptoms see section 2.2.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture

Special hazard

None in particular.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

See Section 12 for additional information.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end uses

Specific use(s)	No information available.
Exposure scenario	No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits	National occupational exposure limits
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Derived No Effect Level	No information available
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Predicted No Effect Concentration	No information available
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8.2 Exposure controls

Engineering measures	Ensure adequate ventilation, especially in confined areas.
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Personal protective equipment

Eye protection	Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Hand protection	Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
Skin and body protection	Long sleeved clothing.
Respiratory protection	No special protective equipment required.
Thermal hazards	No information available

Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
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Environmental exposure controls	No information available.
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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State @20°C	Liquid	Appearance	No information available
Odor	No information available		

Property	Values	Note
pH	No information available	
Melting/freezing point	No information available	

Boiling point/boiling range	No information available
Flash Point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limits in Air	
upper flammability limit	
lower flammability limit	

Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Explosive properties	No information available

9.2 Other information

VOC Content(%)	No information available
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10. STABILITY AND REACTIVITY

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Precautionary Statements

None under normal processing.

10.4 Conditions to avoid

Heat, flames and sparks

10.5 Incompatible materials

Incompatible with oxidizing agents

10.6 Hazardous decomposition products

None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
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Inhalation

There is no data available for this product.

Eye contact

There is no data available for this product.

Skin contact

There is no data available for this product.

Ingestion

There is no data available for this product.

Chronic toxicity

Corrosivity	No information available.
Sensitization	No information available.
Neurological effects	No information available.
Reproductive toxicity	No information available.
Mutagenic effects	No information available.
Target Organ Effects	No information available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects	As supplied, the preparation is not expected to present significant adverse environmental effects.
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12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

<u>ADR</u>	Not dangerous goods
<u>IATA</u>	Not dangerous goods

DOT

Not dangerous goods

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

No information available.

15.2 Chemical Safety Assessment

No information available.

16. OTHER INFORMATION

Revision Date 01-Aug-2018

Revision Note Not applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS