Safety data sheet

ClearBand 10x RIPA Lysis Buffer

Product name ClearBand 10x RIPA Lysis Buffer	Catalog no. RIPA10x
Synonyms Radioimmunoprecipitation assay (RIPA) lysis buffer	Original SDS revision -
CAS no. -	Format version / date 3 / 25 October 2026

01 PRODUCT AND COMPANY IDENTIFICATION

Product identifier	ClearBand 10x RIPA Lysis Buffer
Product code	RIPA10x
CAS number	-
EC number	-
Recommended use	Concentrated buffer for extraction and solubilization of proteins; for laboratory research.
Supplier	EcoTech Biotechnology
Website	www.ecotechbiotech.com
Address	Universite Mah. İpekyolu Cad. Ata Teknokent Sitesi B Blok No: Z10 Yakutiye Erzurum Türkiye
Telephone	0090 544 327 34 97
SDS contact	info@ecotechbiotech.com
Emergency telephone	0090 544 327 34 97
Available	Monday-Saturday/08:00-20:00/GMT+3
Languages	Turkish/English
Outside these hours	Contact: info@ecotechbiotech.com

02 HAZARDS IDENTIFICATION

GHS/CLP classification	Eye Irrit. 2 (H319).
GHS H-statements	H319 - Causes serious eye irritation.
GHS pictograms	
Signal word	Warning
Precautionary statements - prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements - response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if possible and continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
Other hazards	No PBT/vPvB components at 0.1% or above are identified in the mixture information.

Composition & response

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03 COMPOSITION / INFORMATION ON INGREDIENTS

Product name	ClearBand 10x RIPA Lysis Buffer
Synonyms	Radioimmunoprecipitation assay (RIPA) lysis buffer
Concentration	10x
Formula	- (mixture)
Molecular weight	- (mixture)
Product form	Liquid mixture
Composition / ingredient information	Nonylphenol ethoxylate, branched, CAS 127087-87-0: up to 10% (ingredient H302, H332, H319, H411). Deoxycholic acid, CAS 83-44-3: at least 1% (ingredient H302, H315, H319, H335). Product is a liquid mixture.

04 FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	Immediately rinse eyes with water for at least 15 minutes while holding eyelids apart. Obtain medical evaluation.
Skin contact	Wash exposed skin with soap and water for at least 15 minutes. Remove contaminated clothing and seek medical advice if symptoms occur.
Inhalation	Move to fresh air. Get medical attention if symptoms develop; trained personnel may provide respiratory assistance if required.
Ingestion	Rinse mouth if conscious. Do not induce vomiting unless instructed by medical personnel. Seek medical attention.
Self-protection of the first aider	Use appropriate personal protective equipment.
Most important symptoms / effects	Serious eye irritation and possible irritation of skin or respiratory tract.
Immediate medical attention / treatment	Treat symptomatically.

05 FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures appropriate to the surrounding fire.
Unsuitable extinguishing media	No data available
Specific hazards arising from the mixture	No specific fire hazards established.
Explosion data	Impact and static-discharge sensitivity: no information available.
Advice for firefighters	Wear self-contained breathing apparatus and protective gear as appropriate.

Safe use & protection

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06 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Evacuate unnecessary personnel, ensure good ventilation and use PPE. Avoid breathing mist or vapour.
Environmental precautions	Prevent release into drains and surface waters; notify authorities of uncontrolled large spills.
Methods and materials for containment and cleaning up	Cover drains and absorb or pump spilled liquid into suitable closed disposal containers.
Reference to other sections	See Section 8 for protection and Section 13 for disposal.

07 HANDLING AND STORAGE

Precautions for safe handling	Avoid breathing mist, vapour and spray. Avoid repeated exposure. Do not eat, drink or smoke while handling.
Conditions for safe storage	Keep tightly closed and protected from light; store at room temperature according to product storage information.
Container labelling	Keep containers correctly labelled and sealed.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No specific mixture occupational exposure limit values are identified.

8.2 Exposure controls

Engineering measures	Ensure adequate ventilation, especially in confined areas.
Hygiene measures	Use good laboratory and industrial hygiene. Do not eat, drink or smoke while handling. Wash hands after use.
Eye / face protection	Wear safety glasses with side shields or protective goggles conforming to EN 166.
Hand protection	Wear suitable chemical-resistant gloves; inspect gloves before use.
Skin and body protection	Wear a laboratory coat or suitable protective clothing.
Respiratory protection	Use suitable respiratory protection when ventilation is insufficient.

Material properties

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09 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Odor	Odorless
Odor threshold	No data available
pH	No data available
Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper / lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility(ies)	No data available
Partition coefficient: n-octanol / water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	None

10 STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	Stable under normal handling conditions.
Possibility of hazardous reactions	No mixture-specific hazardous reactions established.
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, sodium oxides and sulfur oxides may form upon thermal decomposition.

Health & environment

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No whole-mixture acute toxicity values available; the ingredient hazards listed in Section 3 must not be interpreted as whole-mixture test data.
Skin corrosion / irritation	Mild skin irritation may occur after prolonged exposure.
Serious eye damage / eye irritation	Causes serious eye irritation (H319).
Carcinogenicity	No mixture-specific carcinogenicity established.
Reproductive toxicity	No data available
STOT - SE	Not classified on the available mixture information.
STOT - RE	Not classified on the available mixture information.
Aspiration hazard	No mixture-specific aspiration hazard data available.

11.2 Potential health effects

Ingestion: May be harmful if swallowed.
Inhalation: Mist may cause respiratory irritation.
Skin: May cause irritation.
Eyes: Causes serious irritation.

11.3 Additional information

No additional information is available

12 ECOLOGICAL INFORMATION

Ecotoxicity	No mixture-specific data available. The nonylphenol ethoxylate ingredient carries aquatic chronic hazard information and environmental release should be avoided.
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Dispose through a licensed waste-disposal service in accordance with applicable local and national regulations.
Contaminated packaging	Dispose of as unused product. Do not reuse empty containers.

Transport & reference

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14 TRANSPORT INFORMATION

Mode	UN no.	UN proper shipping name	Hazard class	Packing group	Environmental hazards
DOT (US)	-	Not regulated as dangerous goods	-	-	No
IMDG	-	Not regulated as dangerous goods	-	-	No
IATA	-	Not regulated as dangerous goods	-	-	No

- = Not applicable / not assigned.

Special precautions for user	Keep tightly closed during transport. Follow normal laboratory precautions.
Transport in bulk according to MARPOL / IBC	Not applicable.

15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation	Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 1907/2006 (REACH), and applicable hazardous chemical regulations.
Environmental hazards	No dangerous goods classification listed for ADR, IMDG or IATA transport.
Chemical safety assessment	-

16 OTHER INFORMATION

Key to abbreviations and acronyms

STOT-SE	Specific Target Organ Toxicity - Single Exposure
STOT-RE	Specific Target Organ Toxicity - Repeated Exposure
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and Very Bioaccumulative
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail