Safety data sheet

ClearBand Re-Blot Stripping Solution

Product name ClearBand Re-Blot Stripping Solution	Catalog no. RBS500
Synonyms Western blot membrane stripping solution	Original SDS revision -
CAS no. -	Format version / date 3 / 25 October 2026

01 PRODUCT AND COMPANY IDENTIFICATION

Product identifier	ClearBand Re-Blot Stripping Solution
Product code	RBS500
CAS number	-
EC number	-
Recommended use	Research-use stripping reagent for removing antibodies from Western blot membranes.
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	Skin irritation, Category 2 (H315); Eye irritation, Category 2 (H319).
GHS H-statements	H315 - Causes skin irritation. 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	P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water; remove contact lenses if possible and continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
Other hazards	Avoid skin and eye contact and inhalation of mist or spray.

Composition & response

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03 COMPOSITION / INFORMATION ON INGREDIENTS

Product name	ClearBand Re-Blot Stripping Solution
Synonyms	Western blot membrane stripping solution
Concentration	Ready-to-use mixture
Formula	- (mixture)
Molecular weight	- (mixture)
Product form	Liquid mixture
Composition / ingredient information	Sodium dodecyl sulfate (CAS 151-21-3): <=2% in a liquid mixture. Ingredient classifications listed: Acute Tox. 4 (H302), Skin Irrit. 2 (H315), Eye Irrit. 2 (H319), Aquatic Chronic 3 (H412).

04 FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	Flush eyes with plenty of water for at least 15 minutes. Obtain medical evaluation.
Skin contact	Wash affected skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing; seek medical advice if symptoms occur.
Inhalation	Move into fresh air and seek medical attention if discomfort or difficulty breathing develops.
Ingestion	Rinse mouth with water 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	May cause skin and serious eye irritation.
Immediate medical attention / treatment	Treat symptomatically.

05 FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures appropriate for the surrounding fire.
Unsuitable extinguishing media	No data available
Specific hazards arising from the mixture	Specific fire hazards are not established; combustion may produce carbon and sulfur oxides.
Explosion data	Impact and static-discharge sensitivity: no information available.
Advice for firefighters	Wear appropriate protective gear and self-contained breathing apparatus if required.

Safe use & protection

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06 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation and wear personal protective equipment. Avoid breathing mist or spray.
Environmental precautions	Prevent spilled material from entering drains and surface waters.
Methods and materials for containment and cleaning up	Contain and absorb spilled liquid into suitable closed, labelled 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 and repeated exposure. Wash hands after handling. Do not eat, drink or smoke when using.
Conditions for safe storage	Keep containers tightly closed and protected from light. Follow product label for storage conditions.
Container labelling	Retain original labelling and seal tightly after use.

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 conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition may produce carbon oxides and sulfur oxides.

Health & environment

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Ingredient sodium dodecyl sulfate reference values (not mixture LD50): oral rat 1,288 mg/kg; dermal rabbit 580 mg/kg; inhalation rat 3,900 mg/m³ (1 h).
Skin corrosion / irritation	Causes skin irritation (H315).
Serious eye damage / eye irritation	Causes serious eye irritation (H319).
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - SE	No data available
STOT - RE	No data available
Aspiration hazard	No data available

11.2 Potential health effects

Ingestion: May be harmful if swallowed.
Inhalation: Mist may irritate respiratory tract.
Skin: Causes skin irritation.
Eyes: Causes serious eye irritation.

11.3 Additional information

No additional information is available

12 ECOLOGICAL INFORMATION

Ecotoxicity	No mixture-specific data available. Avoid environmental discharge.
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 according to applicable local regulations. Do not discharge concentrated product without authorization.
Contaminated packaging	Collect for appropriate waste handling. 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	Applicable chemical safety regulations including REACH and CLP.
Environmental hazards	No dangerous goods classification reported for 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