Safety data sheet

ClearBand Cytoplasmic & Nuclear Protein Fractionation Kit

Product name ClearBand Cytoplasmic & Nuclear Protein Fractionation Kit	Catalog no. CNF100
Synonyms Cytoplasmic and nuclear protein extraction kit	Original SDS revision -
CAS no. -	Format version / date 3 / 25 October 2026

01 PRODUCT AND COMPANY IDENTIFICATION

Product identifier	ClearBand Cytoplasmic & Nuclear Protein Fractionation Kit
Product code	CNF100
CAS number	-
EC number	-
Recommended use	Separation of cytoplasmic and nuclear protein fractions for research use only.
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	Not classified as hazardous according to the GHS classification of the mixture.
GHS H-statements	None
GHS pictograms	None
Signal word	None
Precautionary statements - prevention	Wash hands thoroughly after handling.
Precautionary statements - response	If exposed or concerned, obtain medical advice/attention.
Other hazards	None known.

Composition & response

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03 COMPOSITION / INFORMATION ON INGREDIENTS

Product name	ClearBand Cytoplasmic & Nuclear Protein Fractionation Kit
Synonyms	Cytoplasmic and nuclear protein extraction kit
Concentration	-
Formula	- (mixture)
Molecular weight	- (mixture)
Product form	Multi-component reagent kit
Composition	No components require disclosure under the applicable classification requirements.

04 FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	Rinse eyes with water for at least 15 minutes. Remove contact lenses and continue rinsing; consult physician if irritation persists.
Skin contact	Wash immediately with plenty of water. Remove contaminated clothing and wash before reuse.
Inhalation	Move to fresh air; seek medical advice if symptoms persist.
Ingestion	Rinse mouth. Do not induce vomiting; seek medical advice. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	Use appropriate personal protective equipment.
Most important symptoms / effects	No specific symptoms reported.
Immediate medical attention / treatment	Treat symptomatically.

05 FIREFIGHTING MEASURES

Suitable extinguishing media	Select extinguishing media appropriate for the surrounding fire.
Unsuitable extinguishing media	No data available
Specific hazards arising from the mixture	Hazardous combustion products not established.
Explosion data	Impact and static-discharge sensitivity: no information available.
Advice for firefighters	Wear self-contained breathing apparatus and full protective clothing.

Safe use & protection

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06 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid eye/skin contact; use appropriate personal protective equipment and ensure ventilation.
Environmental precautions	Prevent uncontrolled release into drains, sewers and surface waters.
Methods and materials for containment and cleaning up	Absorb with inert material and transfer to appropriately labelled containers.
Reference to other sections	See Section 8 for protection and Section 13 for disposal.

07 HANDLING AND STORAGE

Precautions for safe handling	Use adequate ventilation and appropriate PPE. Avoid inhalation of mist or vapours.
Conditions for safe storage	Keep containers tightly closed and store at approximately 4°C. Reported stability: 1 year at 4°C.
Container labelling	Keep containers properly labelled.

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	No data available

10 STABILITY AND REACTIVITY

Reactivity	Not applicable.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None expected under normal processing.
Conditions to avoid	Extreme temperatures and direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.

Health & environment

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Not classified.
Skin corrosion / irritation	May irritate skin in susceptible persons.
Serious eye damage / eye irritation	May irritate eyes in susceptible persons.
Carcinogenicity	No listed ingredients identified as carcinogenic.
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: May cause respiratory tract irritation.
Skin: Possible mild irritation.
Eyes: Possible irritation in susceptible persons.

11.3 Additional information

No additional information is available

12 ECOLOGICAL INFORMATION

Ecotoxicity	The mixture is not expected to be harmful to aquatic organisms or cause long-term environmental effects.
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No PBT/vPvB assessment 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	REACH Regulation (EC) No. 1907/2006 and applicable US SARA / right-to-know provisions.
Environmental hazards	No regulated components identified under the US Clean Water Act.
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