Safety data sheet

Poly Acrylamide Gel Accelerator (TEMED Alternative)

Product name Poly Acrylamide Gel Accelerator (TEMED Alternative)	Catalog no. PAGA10, PAGA25
Synonyms TEMED Alternative; Polyacrylamide Gel Accelerator	Revision date -
CAS no. -	Document version / date 1.0 / 26 October 2026

01 PRODUCT AND COMPANY IDENTIFICATION

Product identifier	Poly Acrylamide Gel Accelerator (TEMED Alternative)
Product code	PAGA10, PAGA25
CAS number	-
EC number	-
Recommended use	For research use only. Not intended for diagnostic or therapeutic use.
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

Classification	Not classified as hazardous under Regulation (EC) No. 1272/2008 in the product hazard classification.
Label elements	No GHS hazard pictogram or signal word assigned in the product classification.
Symbols / pictograms	None
Signal word	None
Hazard statements	None assigned to the finished product in the classification.
Precautionary statements - Prevention	Wash hands thoroughly after handling; wear suitable gloves and eye protection.
Precautionary statements - Response	If exposed or concerned: rinse exposed area and seek medical advice if symptoms persist.
Other hazards	Serious eye damage is reported in toxicological information; use eye protection and avoid direct contact.

Composition & response

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03 COMPOSITION / INFORMATION ON INGREDIENTS

Product name	Poly Acrylamide Gel Accelerator (TEMED Alternative)
Synonyms	TEMED Alternative; Polyacrylamide Gel Accelerator
Concentration	-
Formula	-
Molecular weight	-
Mixture statement	Liquid mixture. No components requiring disclosure under the applicable regulations were identified.

04 FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	Immediately flush eyes with water for at least 15 minutes. Seek medical attention if irritation or injury occurs.
Skin contact	Wash with plenty of water and remove contaminated clothing.
Inhalation	Move to fresh air and seek medical advice if discomfort persists.
Ingestion	Do not induce vomiting. Rinse mouth. Seek medical attention.
Self-protection of first aider	Use appropriate personal protective equipment.
Most important symptoms / effects	Serious eye damage is described in the toxicological information.
Immediate medical attention / treatment	Treat symptomatically; obtain medical advice if symptoms persist.

05 FIREFIGHTING MEASURES

Suitable extinguishing media	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	No information available.
Special hazards arising from the substance or mixture	Decomposition products have not been identified.
Explosion data	No information available.
Advice for firefighters	Wear self-contained breathing apparatus and suitable protective equipment as necessary.

Safe use & protection

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06 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ensure ventilation, wear suitable protective equipment and avoid inhaling mist or vapour.
Environmental precautions	Do not allow product to enter drains.
Methods and materials for containment and cleaning up	Collect in suitable closed containers for disposal.
Reference to other sections	Refer to Section 8 for protective equipment and Section 13 for disposal.

07 HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes and breathing vapours, mist or gas. Use with adequate ventilation.
Conditions for safe storage	Keep tightly closed, dry and well ventilated. Recommended storage temperature: 22-25 °C.
Container labeling	Keep in correctly labelled containers.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No product-specific occupational exposure limit values have been identified.

8.2 Exposure controls

Engineering measures	Ensure adequate ventilation, particularly in confined areas.
Hygiene measures	Wash hands after handling. Do not eat, drink or smoke during use.
Eye / face protection	Wear tightly fitting protective goggles; protect eyes from splashes.
Hand protection	Wear protective gloves.
Skin and body protection	Wear a laboratory coat or suitable protective clothing.
Respiratory protection	Use suitable respiratory equipment if ventilation is inadequate.

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	Stable under normal conditions.
Chemical stability	Stable in a cool, dry place.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Oxidizing agents.
Hazardous decomposition products	No data available.

Health & environment

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No data available.
Skin corrosion / irritation	No skin irritation data available.
Serious eye damage / eye irritation	Serious eye damage is reported.
Carcinogenicity	No listed carcinogenic ingredients reported.
Reproductive toxicity	Data insufficient for classification.
STOT - SE	Data insufficient for classification.
STOT - RE	Data insufficient for classification.
Aspiration hazard	Data insufficient for classification.

11.2 Potential health effects

Ingestion: May be harmful if swallowed.
Inhalation: May irritate the respiratory tract.
Skin: May cause skin irritation.
Eyes: Serious eye damage and irritation reported.

11.3 Additional information

No additional information is available.

12 ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Results of PBT and vPvB assessment	Assessment not conducted.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Dispose of product through a licensed waste disposal service in accordance with applicable 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
ADR / RID	-	Not regulated as dangerous goods	-	-	No
IMDG	-	Not regulated as dangerous goods	-	-	No
IATA	-	Not regulated as dangerous goods	-	-	No

Special precautions for user	Not regulated as dangerous goods for transport. Use appropriate packaging.
Transport in bulk (MARPOL / IBC)	Not applicable.

15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation	REACH and CLP provisions apply as relevant. Product-specific authorisations or restrictions are not identified.
Environmental hazards	See Section 12 for product-specific ecological information.
Chemical Safety Assessment	No chemical safety assessment is reported for the product.

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 very Bioaccumulative and toxic
ADR	European 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 code for Dangerous Goods
REACH	Registration, Evaluation, Authorization and restriction of Chemicals
RID	Regulations concerning the International transport of Dangerous goods by rail