

Safety Data Sheet

Revision Date: 2026/01/12

Version: 1.1.1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product Name: DENV4 E , Dengue virus type 4

Catalog No.: A00208

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, manufacture of substances.

1.3 Details of the supplier of the safety data sheet

Company: Jiangsu East-Mab Biomedical Technology Co.,Ltd.

Tel: (+86)0512-68412391

Fax: (+86)0512-68412391

Email: info@eastmabbio.com

1.4 Emergency telephone number

Emergency phone number : (+86)0512-68412391

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 Label elements

Not a hazardous substance or mixture.

2.3 Other Hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Substance

Not a hazardous substance or mixture according to the Globally Harmonized System.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation : Move to fresh air. If symptoms persist, call a physician.

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Eye Contact : Immediately flush eye(s) with plenty of water, remove contact lenses, protect unharmed eye. If eye irritation persists, call a physician.

Skin Contact : Wash skin with soap and water.

Ingestion : Wash out mouth with water, do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

No information available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions

Try to prevent further leakage or spillage. Keep the product away from drains or water courses.

6.3 Methods and material for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly sealed in cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

This product contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

No data available

Personal protective equipment

Eye protection

Safety goggles with side-shields.

Hand protection

Protective gloves.

Skin and body protection

Impervious clothing.

Respiratory protection

Suitable respirator.

Environmental exposure controls

Keep the product away from drains, water courses or the soil. Clean spillages in a safe way as soon as possible.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Liquid

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Colour	White
Odour	No information available
Odour Threshold	No information available
pH	6.0-8.0
Melting / freezing point	No data available
Boiling point / boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit / Upper flammability limit	No data available
Lower explosion limit / Lower flammability limit	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	No data available
Solubility in other solvents	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No information available
Oxidizing properties	No information available

9.2 Other safety information

No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

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None under normal processing.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

None known based on information supplied.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute toxicity	No information available
Skin corrosion/irritation	No information available
Serious eye damage/irritation	No information available
Respiratory or skin sensitization	No information available
Germ cell mutagenicity	No information available
Carcinogenicity	No information available
Reproductive toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration hazard	No information available

SECTION 12: Ecological information**12.1 Ecotoxicity**

No information available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment unavailable as chemical safety assessment not required or not conducted.

12.6 Other adverse effects

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Do not reuse empty containers.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

SECTION 15: Regulatory information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles :Not applicable (Annex XVII)

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) :Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer :Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) :Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals :Not applicable

REACH - List of substances subject to authorisation (Annex XIV) :Not applicable

15.2 The components of this product are reported in the following inventories:

AIIC	Not in compliance with the inventory
DSL	Not in compliance with the inventory
ENCS	Not in compliance with the inventory
ISHL	Not in compliance with the inventory
KECI	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	Not in compliance with the inventory
TECI	Not in compliance with the inventory
TSCA	Product contains substance(s) not listed on TSCA inventory

Legend:

AIIC -	Australian Inventory of Industrial Chemicals
DSL -	Domestic Substances List (Canada)
ENCS -	Existing and New Chemical Substances (Japan)
ISHL -	Industrial Safety and Health Law (Japan)
KECI -	Korea Existing Chemicals Inventory
PICCS -	Philippines Inventory of Chemicals and Chemical Substances
IECSC -	Inventory of Existing Chemical Substances in China
TECI -	Thailand Existing Chemicals Inventory
TSCA -	Toxic Substances Control Act (United States)

15.3 Chemical safety assessment

Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

SECTION 16: Other information

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Further information

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.

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