



Inventors, Innovators, Global Leaders

Viskase Companies, Inc.
333 East Butterfield Road, Suite 400, Lombard Illinois 60148, USA
Tel: 630-874-0700 – Fax: 630-874-0176

Safety Data Sheet

Product Name: MEMBRA-CEL®
Dialysis Membrane Products
Product ID: MD10, MD25, MD34,
MD44, MD55, MD77
Date prepared: 18 October 2025
Date revised: NA

1. Company and Product Identification

Substance or preparation trade name: MEMBRA-CEL® Dialysis membrane products

Synonyms: Cellulose dialysis membrane, semi-permeable membrane

Recommended use: Separation, concentration or isolation of large molecules from smaller molecules dissolved in a liquid media

Restrictions on use: No data available

Company/undertaking name, address, and contact numbers:

Viskase Companies, Inc. 333 East Butterfield Road, Suite 400 Lombard, IL 60148	Viskase Companies, Inc. 106 Blair Bend Dr Loudon, TN, 37774	Viskase SAS 10 Chaussee Feldtrappe Beauvais, France 60000	Viskase Del Norte, S.A. de C.V. Av Nexxus No 125 General Escobedo, Nuevo León 66055 México	Viskase Companies – Asia Pacific Industrial Estate 5 M.A. Roxas Highway Lot 1-D Clark Freeport Zone, 2023 Philippines
Tele: 630 874 0700	Tele: 885 458 2071	Tele: 03.44.06.37.40	Tele: 81 1367 0900	Tele: +6345 4993881

2. Hazards Identification

Signal Word: None

GHS Classification: None

Hazard Statement: Material is not hazardous under normal conditions of use

Prevention: Not applicable

Response: Not applicable

3. Composition/information on ingredients

Chemical Type:

Polymer, regenerated cellulose

Humectant, glycerin

CAS Number:

Cellulose 9004-34-6 and others

Glycerin 56-81-5

Ingredients:

Regenerated cellulose; 70% (nominal)

Glycerin; 10% (nominal)

Purified water; 20% (nominal)

Proprietary: Yes

Impurities and stabilizing additives which are themselves classified and which contribute to the classification of a substance: Not Applicable

4. First aid measures

Eye Contact: Material is not hazardous under normal conditions of use

Skin contact: Material is not hazardous under normal conditions of use

Inhalation: Material is not hazardous under normal conditions of use

Ingestion: Material is not hazardous under normal conditions of use

Most important Symptoms/Effects:

Eye contact: Material is not hazardous under normal conditions of use

Skin contact: Material is not hazardous under normal conditions of use

Inhalation: Material is not hazardous under normal conditions of use

Ingestion: Material is not hazardous under normal conditions of use

5. Firefighting measures

Suitable (and unsuitable) extinguishing media: Water spray, ABC Powder, CO₂, Foam suitable

Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products): Combustion will produce carbon dioxide and potentially carbon monoxide (incomplete combustion)

Special protective equipment and precautions for fire-fighters: Wear self-contained breathing device with gas mask approved for mild acid vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: None required

Environmental precautions: none known

Methods and materials for containment and cleaning up

Small spill/leak – Not applicable

Large spill – Not applicable

Disposal: May be disposed of in landfill – materials are non-toxic and biodegradable. Observe all federal, state and local laws concerning health and environment.

7. Handling and storage

Precautions for safe handling: Material is not hazardous under normal conditions of use

Conditions for safe storage, including any incompatibilities: Store product in a dry place and in original packaging until use. Keep away from excessive heat / open flames. No known incompatibilities (see section 10)

8. Exposure controls

Control parameters e.g. occupational exposure limit values or biological limit values: None known

Appropriate engineering controls: None required

Individual protection measures, such as personal protective equipment:

Eye face protection: None required

Skin and body protection: None required

Respiratory Protection: None required

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices

9. Physical and chemical properties

Appearance (physical state, color etc.): Clear thin flexible film

Odor: None

Odor threshold: No data

pH range: Not applicable

Melting point/freezing point: Not applicable

Initial boiling point and boiling range: Not applicable

Flash point: >400 °F / 200 °C

Evaporation rate: Not applicable

Flammability (solid, gas): Combustible

Upper/lower flammability or explosive limits: Material is not an explosion hazard

Vapor pressure: Not applicable

Vapor density: Not applicable

Relative density: specific gravity: 0.025 – 0.050 grams / square inch of film

Solubility in water: Not soluble

Partition coefficient: n-octanol/water: No data

Auto-ignition temperature: Not applicable

Decomposition temperature: Not applicable

Viscosity: Not applicable – solid

10. Stability and reactivity

Reactivity: Stable

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: Hazardous polymerization will not occur

Conditions to avoid (e.g. static discharge, shock or vibration): None known

Incompatible materials: None known

Hazardous decomposition products: Carbon monoxide possible with incomplete combustion

11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Material is not hazardous under normal conditions of use. Not intended for ingestion; however no risk if material is inadvertently or accidentally consumed.

Symptoms related to the physical, chemical and toxicological characteristics: Material is not hazardous under normal conditions of use

Delayed and immediate effects and also chronic effects from short and long term exposure: Material is not hazardous under normal conditions of use

Numerical measures of toxicity (such as acute toxicity estimates): No data; materials are food grade and considered non-toxic when used as intended

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data; materials are food grade and considered non-toxic when used as intended

Persistence and degradability: Material will degrade in 2-4 months under typical composting conditions

Bioaccumulative potential: No data: materials are food grade and considered non-toxic when used as intended

Mobility in the soil: No data; materials are food grade and considered non-toxic when used as intended

Other adverse effects: No data; materials are food grade and considered non-toxic when used as intended

13. Disposal Considerations

May be disposed of in landfill – materials are non-toxic and biodegradable. Observe all federal, state and local laws concerning health and environment.

Steps to be taken in case of release: None

14. Transport information

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group, if applicable: Not applicable

Environmental hazards (e.g.: Marine pollutant (Yes/No)): No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable

Special precautions which a user needs to be aware of, or needs to comply with, in connection with the transport or conveyance within or outside their premises: None known

15. Regulatory information

None

16. Other Information

Recommendations/restrictions: No restrictions

Label required: No symbol required

Chronic hazard: No

Acute health hazard: No

Contact hazard: None

Fire hazard: Combustible

Reactivity hazard: None