

Safety Data Sheet (SDS)



SECTION 1. Identification of Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name: Mogengel Matrix (HC) (Acro Certified)

Catalog Number: AC-M082724

1.2 Other means of identification

Pure substance / mixture: Mixture

1.3 Recommended use of chemical and restrictions on use

Research Use Only.

1.4 Details of company/undertaking

ACROBiosystems, Inc
Newark, DE 19711 United States
+1 800-810-0816 (US/Canada)
+86 400-682-2521 (Asia & Pacific)
techsupport@acrobiosystems.com
www.acrobiosystems.com

SECTION 2. Hazards Identification

2.1 Classification of substance or mixture

This substance does not meet the classification criteria, nor considered hazardous according to 29 CFR 1910.122 (OSHA Hazard Communication Standard).

2.2 Label elements

None.

2.3 Hazard statements

Not Applicable.

2.4 Other hazards

None.

SECTION 3. Composition / Information on Ingredients

3.1 Substance

Not Applicable.

3.2 Mixture

This product does not contain hazardous chemicals at concentrations greater than 1%. This product is not known to contain carcinogens at concentrations of 0.1% or greater.

SECTION 4. First Aid Measures

4.1 First aid measures

Inhalation: Remove to fresh air.



1 Innovation Way
Newark, DE19711 United States
www.acrobiosystems.com

Product Name: Mogengel Matrix (HC) (Acro Certified)
Cat. No.: AC-M082724

Safety Data Sheet (SDS)



- Ingestion:** If swallowed, rinse mouth with water (only if person is conscious). If you feel unwell, seek medical advice.
- Skin Contact:** Wash with soap and water.
- Eye Contact:** Rinse thoroughly with water for several minutes.

4.2 Most important symptoms and effects, both acute and delayed

None Known.

4.3 Indication of any immediate medical attention and special treatment needed.

None.

SECTION 5. Firefighting measures

5.1 Suitable extinguishing media

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide (CO₂).

5.2 Special protective equipment for firefighters

Standard procedure for chemical fires.

5.3 Specific hazards arising from chemical

Not Known.

SECTION 6. Accidental Release Measures

6.1 Personal precautions

Handle with suitable protective clothing including recommended Personal Protective Equipment. Ensure adequate ventilation and avoid breathing vapors, mist, dust or gas. Refer to section 8 of SDS.

6.2 Methods and materials for containment and cleaning-up

No special precautions required for handling this material. Refer to section 13 of SDS for appropriate disposal.

6.3 Environmental precautions

Do not dispose of product in drains. See section 12 of SDS for additional ecological information.

SECTION 7. Handling and Storage

7.1 Precautions for safe handling

Handle in accordance with good safety practice and industrial hygiene. Always wear Personal Protective Equipment. Avoid inhalation, contact with eyes, skin and clothing. Use in a well-ventilated area.

7.2 Conditions for safe storage

Store at ≤ -20°C. Avoid multiple freeze-thaw cycles. Do NOT store in a frost-free freezer. Product can be thawed and separated into working aliquots. KEEP FROZEN.

SECTION 8. Exposure Control / Personal Protection

8.1 Exposure limits

Contains no substances with occupational exposure limit values.

8.2 Engineering measures

Use in a fume hood where applicable. Ensure all engineering measures outlined in section 7 of this SDS are in place.



Safety Data Sheet (SDS)



8.3 Personal protective equipment

Eye/face Protection:	Use appropriate safety glasses.
Hand Protection:	Wear protective nitrile rubber gloves.
Skin and body Protection:	Wear appropriate protective clothing.
Respiratory Protection:	None under normal use conditions. If case of insufficient ventilation, use a suitable respirator.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

8.4 Environmental exposure controls

None.

SECTION 9. Physical and Chemical Properties

9.1 General information

Physical state	Liquid / Gel	Odor:	No data available
Appearance:	No data available.	Odor Threshold:	No data available
Color:	No data available.		
Boiling Point/boiling range (°C):	No data available.	(°F):	No data available.
Melting point / melting range (°C):	No data available.	(°F):	No data available.
Flash point (°C):	No data available.	(°F):	No data available.
Autoignition Temperature (°C):	No data available.	(°F):	No data available.
Evaporation Rate	No data available.	Oxidizing Properties:	No data available.
Flammability (solid,gas)	No data available.	Vapor Pressure:	No data available.
Vapor Pressure	No data available.	Vapor Density:	No data available.
Explosive Properties	No data available.	Relative Density:	No data available.
Upper/Lower Flammability / Explosive Limits	No data available.	Solubility:	No data available.

9.2 Other safety information

No data available.

SECTION 10. Stability and Reactivity

10.1 Chemical stability

Stable under normal, recommended transport or storage conditions.

10.2 Hazardous decomposition

None under normal use conditions.

10.3 Hazardous polymerization

Hazardous polymerization does not occur.

10.4 Possibility of hazardous reaction

Hazardous reactions have not been reported.

10.5 Conditions to avoid



1 Innovation Way
Newark, DE19711 United States
www.acrobiosystems.com

Product Name: Mogengel Matrix (HC) (Acro Certified)
Cat. No.: AC-M082724

Safety Data Sheet (SDS)



No dangerous reactions under normal use conditions.

10.6 Incompatible materials

None known.

SECTION 11. Toxicological Information

11.1 Acute toxicity

No toxicology information is available.

11.2 Principle Routes of Exposure / Potential Health Effects

Inhalation: May be harmful by inhalation.

Ingestion: May be harmful if swallowed.

Eyes: May cause eye irritation to susceptible persons.

Skin: May cause skin irritation to susceptible persons.

Carcinogenicity: This product does not contain any carcinogenic components at levels greater than or equal to 0.1% as have been identified as probably, possible, or confirmed by OSHA, IARC or NTP.

Mutagenicity: No information available.

Reproductive Toxicity: No information available.

Sensitization: No information available.

SECTION 12. Ecological Information

12.1 Ecotoxicity

Contains no known substances to be hazardous to the environment.

12.2 Mobility

No information available.

12.3 Persistence and degradability

No information available.

12.4 Bioaccumulative potential

No information available.

12.5 Other adverse effects

No information available.

SECTION 13. Disposal Considerations

Dispose of contents / containers in accordance with local regulations.

SECTION 14. Transport Information

14.1 IATA classification

Not regulated.

14.2 DOT classification

Not regulated.

14.3 IMDG classification



1 Innovation Way
Newark, DE19711 United States
www.acrobiosystems.com

Product Name: Mogengel Matrix (HC) (Acro Certified)
Cat. No.: AC-M082724

Safety Data Sheet (SDS)



Not regulated.

SECTION 15. Regulatory Information

15.1 US Federal regulations

SARA 313 – This product is not regulated by SARA.

15.2 US State regulations

This product does not contain any Proposition 65 chemicals.

15.3 Chemical safety assessment

SECTION 16. Other Information

16.1 Document information

Version No.	1.0
Revision Date:	03-April-2023
Revision Note:	Not Applicable

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR CLINICAL PROCEDURES.

Disclaimer

To the best of our knowledge, the information contained herein is accurate. Neither ACROBiosystems nor any of its subsidiaries shall not be held liable for any damage resulting from handling or from contact with the above product. This material must only be handled by suitably qualified experienced scientists in appropriately equipped and authorized facilities. Final determination of suitability of any material is the sole responsibility of the user. The above information is believed to be correct but does not purport to be all inclusive and should be used as a guide only for experienced personnel. Always consult your safety advisor and follow appropriate local and national safety legislature. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists.

End of Safety Data Sheet



1 Innovation Way
Newark, DE19711 United States
www.acrobiosystems.com

Product Name: Mogengel Matrix (HC) (Acro Certified)
Cat. No.: AC-M082724