

SAFETY DATA SHEET

Section 1: Identification

Product Name: Thrombotech®

Chemical Name/Synonyms: Synthetic Clot

Company: Biomodex Biomodex (www.biomodex.com)

2 rue de la Roquette, 75011 Paris, France. | 300 Crown Colony Dr. Suite 504, Quincy, MA 02169, USA

i The synthetic clot is intended to be used in simulation stations only. It is not for human or animal use.

In emergency call 911.

For information about this SDS, email: davidgray@biomodex.com

Section 2: Hazard(s) Identification

See <https://www.sigmaaldrich.com/safety-center/globally-harmonized.html> for a list of hazard classifications, signal words, hazard statements, pictograms, precautionary statements, and a description of hazards.

Hazard Classification: None

Signal Word(s): Not applicable

Hazard Statements: None

Pictograms: N/A

Precautionary Statements: Personal protective equipment such as gloves should be used while handling. Disinfection of the working area using a cleaning agent is suggested after using the clot materials. Once finished, dispose the waste in a trash bin. Avoid contact with nose, eyes and ears. Do not ingest.

Description of other hazards: None

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Barium Sulfate	Barium	7727-43-7	Proprietary
Gellan Gum		71010-52-1	Proprietary
Collagen		9007-34-5	Proprietary
Water	H2O	7732-18-5	Proprietary

Section 4: First-Aid Measures

After skin contact: Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

After eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

After inhalation: Remove to fresh air. Get medical attention immediately if symptoms occur.

After swallowing: Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Carbon dioxide (CO₂). Powder. Water spray.

Section 6: Accidental Release Measures

Personal precautions: Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

Measures for environmental protection: Should not be released into the environment. See Section 12 for additional Ecological Information.

Measures for cleaning/collecting: Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7: Handling and Storage

Handling: Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

Storage: Keep container tightly closed in a dry and well-ventilated place. Keep material damp.

Section 8: Exposure Controls/Personal Protection

General protective and hygienic measures: General industrial hygiene practice.

Breathing equipment: Not required

Protection of hands: Wear appropriate protective gloves.

Eye protection: Wear appropriate protective glasses.

Section 9: Physical and Chemical Properties

Form: Gel/Solid

Odor: Slight

Odor threshold: Minimal

pH: 3-10

Melting point/melting range: 71-140°C | 1,580°C
Boiling point/boiling range: 100°C | 1,600°C
Flash point: no data
Evaporation rate: no data
Flammability: no data
Upper/lower flammability or explosive limits: no data
Auto ignition temperature: no data
Danger of explosion: not applicable
Vapor pressure: not applicable
Vapor density: not applicable
Relative density: proprietary
Solubility in/Miscibility with water: soluble and insoluble parts

Section 10: Stability and Reactivity

Reactivity: not reactive
Chemical stability: stable
Conditions to avoid: microwaving
Incompatible materials: oxidizing agents
Hazardous decomposition products: carbon monoxide, carbon dioxide

Section 11: Toxicological Information

Acute toxicity: no data available
Potential routes of exposure/potential health effects
Skin: no data available
Eye: no data available
Inhalation: no data available
Ingestion: no data available
Carcinogenic effects: no data available
Mutagenic effects: no data available
Reproductive toxicity: no data available
Sensitization: no data available
Target organs: no data available

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: no data available
Mobility: no data available
Biodegradation: no data available
Bioaccumulation: no data available

Section 14: Transport Information (non-mandatory)

DOT regulations: not regulated

- **Hazard class:** not regulated
- **Land transport ADR/RID (cross-border):** not regulated

- **ADR/RID class:** not regulated
 - **Maritime transport IMDG:** not regulated
- Air transport ICAO-TI and IATA-DGR:** not regulated
- **ICAO/IATA Class:** not regulated

Section 15: Regulatory Information (non-mandatory)

International Inventories

Component	DSL	NDSL	TSCA	EINECS	ELINCS	PICCS	ENCS	AICS	KECL	IECS C
Gellan gum	X	-	X	275-117-5	-	X	-	X	KE-17592	X

Legend

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japanese Existing and New Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

IECS - Chinese Inventory of Existing Chemical Substances

Canada

SDS in compliance with provisions of information as set out in Canadian Standard - Part 4, Schedule 1 and 2 of the Hazardous Products Regulations (HPR) and meets the requirements of the HPR (Paragraph 13(1)(a) of the Hazardous Products Act (HPA)).

Section 16: Other Information

Creation Date: August 24, 2021

Revision Date: N/A

Prepared By: David Gray

Disclaimer:

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