SAFETY DATA SHEET
BM1682 – FAECAL TRANSPORT SOLUTION

According to Regulation (EC) No 1907/2006 as amended

CREATION DATE: 05/01/2024
REVISION DATE: 26/06/2025
REVISION NUMBER: 2

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name	Faecal Transport Solution
Product code	BM1682

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

Identified uses	Culture media. *In vitro* diagnostic use. For professional use only.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Company	E&O Laboratories Limited
Address	Burnhouse Bonnybridge Scotland FK4 2HH United Kingdom
Website	www.eolabs.com
Telephone	+ 44 (0) 1324 840404
Fax	+ 44 (0) 1324 841314
Email	enquiries@eolabs.com

1.4. Emergency telephone number

Telephone (24hr)	999 (Emergency - UK), 112 (Emergency - EU member states) 111 (NHS24 Scotland and NHS Direct England & Wales)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Main hazards: Based on available data, the classification criteria are not met.

2.2 Label elements

Supplemental label information	EUH208	Contains thioglycolic acid sodium salt. May produce an allergic reaction.

2.3 Other hazards

This mixture contains no ingredients considered to be Persistent, Bioaccumulative and Toxic (PBT), or very Persistent and very Bioaccumulative (VPvB) at levels 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical name	CAS No. EC No.	Concentration (%w/w)	Classification
Thioglycolic acid sodium salt	367-51-1 206-696-4	0.15%	Met. Corr.1:H290 Acute Tox.3:H301 Acute Tox.4:H312 Skin Sens.1:H317 Eye Dam.1:H318 Aquatic Chronic 3:H412

Met. Corr.1:H290	May be corrosive to metals.
Acute Tox.3:H301	Toxic if swallowed.
Acute Tox.4:H312	Harmful in contact with skin.
Skin Sens.1:H317	May cause an allergic skin reaction.
Eye Dam.1:H318	Causes serious eye damage.
Aquatic Chronic 3:H412	Harmful to aquatic life with long lasting effects.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice	Seek medical advice.
Inhalation	If breathed in, move person into fresh air.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses if present and safe to do so.
Skin contact	Wash the contaminated area with water.
Ingestion	Rinse mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May be an irritant to respiratory system.
Eye contact	May be an irritant to eyes.
Skin contact	May be an irritant to skin.
Ingestion	Ingestion may cause nausea, vomiting and/or diarrhoea.
Additional	See sections 2 and 11.

4.3. Indication of any immediate medical attention and special treatment needed — Treat symptomatically. Symptoms may be delayed.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide, dry chemical, water spray or foam.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture — Thermal decomposition may liberate irritating gases and vapours, such as carbon monoxide (CO), carbon dioxide (CO_2), sulphur oxides (SOx), and sodium oxides.

5.3. Advice for firefighters — Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures — Wear disposable gloves and protective clothing.

6.2 Environmental precautions — Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up — Pick up and transfer into suitable containers for recovery/disposal. Sweep up. Flush area with plenty water.

6.4 Reference to other sections — Not available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling — Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities — Store as directed.

7.3. Specific end use(s) — For laboratory use only.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Component	CAS No.	Value form of exposure	Control parameters	Basis
Thioglycolic acid sodium salt	367-51-1	DNEL	0.004mg/cm^2	Chronic dermal (local) – workers
			2.06mg/kg bw/day	Chronic dermal (systemic) – workers
			1.41mg/ m^3	Chronic inhalation (systemic) – workers
		PNEC	0.038mg/l	Freshwater
			0.0038mg/l	Seawater
			0.38mg/l	Intermittent release
			3.2mg/l	Sewage-treatment plant

8.2. Exposure controls

Appropriate engineering controls — Ensure there is adequate ventilation when used.
Individual protection measures — Wear disposable gloves, eye/face protection and protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Colourless
Odour	No data available
Odour threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flammability	No data available
Upper explosion/flammability limit	No data available
Lower explosion/flammability limit	No data available
Flash point	No data available
Autoignition temperature	No data available

Decomposition temperature	Not applicable
pH	8.5 ± 0.2
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water	Not applicable
Vapour pressure	No data available
Relative density	No data available
Relative vapour density	No data available
Particle characteristics	Not applicable

9.2. Other information

Explosive properties	Not applicable
Oxidising properties	Not applicable
Corrosive properties	No data available
Evaporation rate	No data available
Conductivity	No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity None known based on available data.

10.2. Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions None known based on available data.

10.4. Conditions to avoid Avoid exposure to direct sunlight, excessive heat and incompatible products as these may affect the stability of the media.

10.5 Incompatible materials Metals. Strong acids. Strong oxidising agents.

10.6 Hazardous decomposition products See section 5.2.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Based on available data, the classification criteria are not met.

Component	CAS No.	Route	Species	LD50 results
Thioglycolic acid sodium salt	367-51-1	Oral	Rat	50-200mg/kg
		Dermal	Rat	1,000-2,000mg/kg

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties	No known/suspected endocrine disruptors.
Other information	No data available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Component	CAS No.	Species	Measurement	Results
Thioglycolic acid sodium salt	367-51-1	*Oncorhynchus mykiss* (Rainbow trout)	LC50	>100mg/l 96h
		Daphnia magna (Water flea)	EC50	38mg/l 48h
		Algae	ErC50	5.07mg/l 72h

12.2 Persistence and degradability No data available.

12.3 Bioaccumulative potential No data available.

12.4 Mobility in soil No data available.

12.5 Results of PBT and vPvB assessment No data available.

12.6 Endocrine disrupting properties No known/suspected endocrine disruptors.

12.7 Other adverse effects No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Dispose of in accordance with local and national authority requirements.

14. TRANSPORT INFORMATION

ARD/RID/IMO/IMDG/IATA/ICAO This product is not classified as dangerous for carriage.

14.1 UN number or ID number Not applicable.

14.2 UN proper shipping name Not applicable.

14.3 Transport hazard class(es) Not applicable.

14.4 Packing group Not applicable.

14.5 Environmental hazards Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Maritime transport in bulk according to IMO instruments Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulations
Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annexes II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) 2019/521 of 27 March 2019 amending Annexes I-VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

15.2 Chemical safety assessment None carried out.

16. OTHER INFORMATION

SDS No.	BM1682
Revision date	26/06/2025
Revision number	2
Revision changes	Updated for compliance with EU 2019/521.
Previous revisions	1: New document (05/01/2024)

Legend

ARD	European Agreement Concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
DNEL	Derived No Effect Level
EC	European Community
EC50	Half maximal Effective Concentration
ErC50	Concentration resulting in 50% reduction of growth rate
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
IMO	International Maritime Organization
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population
PNEC	Predicted No Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations

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