

SAFETY DATA SHEET

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

Identification of the substance/mixture:

Name: Bile Esculin Azide Agar
Product code: SMT-11
Abbreviation: ESC2
Use: Culture medium for the isolation and preliminary identification of group D enterococci and streptococci.

Company/undertaking identification:

Name: EnviroLab s.r.o.
Address: Galvaniho 7, 821 04 Bratislava
Phone: +421-2-69 307 112 Fax: +421-2-64 774 131
Place of business: Obchodná ulica 7, 946 51 Nesvady
Phone: +421-35-790 29 11

Emergency line:

Organization: National Toxicological Information Center, Limbová 5, 833 05 Bratislava
Phone: +421-2-54 774 166

2 – HAZARD IDENTIFICATION

The product is not classified as dangerous according to EU directives.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:

INDEX	CAS	EC	Name	Classification	%
011-004-00-7	26628-22-8	247-852-1	Sodium azide	H300 H400 H410	0.05

For the full text of the H-statements specified in this section, see Section 16.

4 – FIRST AID MEASURES

Following inhalation:

Move the victim to fresh air.

Following eye contact:

Rinse the eyes with eyelids open under running water for a few minutes.

Following skin contact:

Wash affected areas with plenty of water and remove contaminated clothing.

Following ingestion:

Let the victim drink water (no more than two glasses). In the case of nausea, consult a doctor.

5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media:

To extinguish use a snow, foam, water or powder fire extinguisher, depending on the materials stored in the immediate vicinity.

Special hazards:

In the event of fire, hazardous vapors or fumes may develop.

Special protective equipment for firefighters and firefighting unit equipment:

Do not stay in a hazardous area without an insulating respirator. To avoid contact with the skin, observe a safe distance and wear suitable protective clothing.

Additional information:

Capture the resulting gases / vapors / fumes with water. Avoid contamination of the surface or groundwater system with water used for fire extinguishing.

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:

Do not inhale fumes / aerosols. Wear suitable protective clothing. Avoid contact with the substance. Provide adequate ventilation.

Environmental precautions:

Prevent the penetration into the drainage system.

Cleaning methods:

Remove with absorbent material. Send for disposal. Clean the affected area with water.

7 – HANDLING AND STORAGE

Handling:

Work with the suction chamber. No extraordinary measures are required when adhering to the prescribed handling.

Storage:

Store in a cool place at 4 – 6 °C.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

The product does not contain any substances with occupational exposure limit values.

Personal protective equipment:

For a specific workplace, it is necessary to choose specific work clothes, depending on the concentration and amount of dangerous substances being handled. The resistance of chemical protective clothing must be checked with the supplier concerned.

Hand protection:

Use disposable vinyl gloves.

Eye protection:

Use safety glasses.

Respiratory protection:

Required if vapors / aerosols are formed.

General hygiene:

Immediately replace contaminated clothing. Use a lotion as a protective barrier. After work, wash your hands and face. Work with the suction chamber. Do not inhale the substance.

For more detailed information, see Section 11 – Toxicological Information

9 – PHYSICAL AND CHEMICAL PROPERTIES

Basic information

Physical state:	solid
Color:	light yellow
Odor:	peptone
pH value:	7.1

10 – STABILITY AND REACTIVITY

Conditions to be avoided:

Avoid exposure to direct sunlight. Stable under recommended use and storage conditions (see Chapter 7).

Substances to be avoided:

No further information available.

Hazardous decomposition products:

No further information available.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity:

Quantitative data on the toxicity of this product are not available.

Additional information:

Other dangerous properties cannot be excluded. The product should be handled with caution usual for chemicals handling.

12 – ECOLOGICAL INFORMATION

Ecotoxic effects:

Quantitative data on the ecological effects of this product are not available.

Biological effects:

Harmful effect on aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Other ecological information:

Prevent penetration into water, sewage and soil.

13 – DISPOSAL MEASURES

Product:

The product is hazardous waste and must be disposed of in accordance with valid legislation.

Packaging:

The product packaging must be disposed of in accordance with applicable legislation.

14 – TRANSPORT INFORMATION

Not assessed as dangerous under transport regulations.

15 – REGULATORY INFORMATION

16 – OTHER INFORMATION

Full text of H-data used in the Safety Data Sheet:

H300	Fatal if swallowed
H400	Very toxic to aquatic organisms
H410	Very toxic to aquatic organisms, with long-lasting effects

*The information provided in this Safety Data Sheet is based on the current state of our knowledge.
It characterizes the product with respect to the adequate safety precautions. It does not represent any guarantee of the product's properties.*