

SAFETY DATA SHEET

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

Identification of the substance/mixture:

Name: Stock Solution for the MIF Method
Product code: LSB-05
Abbreviation: MIF
Use: A solution used to concentrate intestinal helminths and protozoa in stool specimens.

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

Classification of the substance or mixture

Sensitization, Skin (Category 1), H317

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

Label elements:

Pictogram



Signal word: Warning

Hazard statement:

H317 May cause an allergic skin reaction

Precautionary statement(s)

P261	Avoid inhaling smoke/gas/mist/vapor/aerosols.
P272	It is forbidden to take the contaminated work clothes away from the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	Following skin contact: Wash with plenty of soap and water.
P333+P313	If skin irritation or rashes occur: Seek medical help/care immediately.
P363	Wash contaminated clothing before using it.
P501	Dispose of contents/container in accordance with local regulations.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:

INDEX	CAS	EC	Name	Classification	%
605-001-00-5	50-00-0	200-001-8	Formaldehyde	H301 H331 H311 H314 H317 H341 H350 H370 H335	5.2
080-004-00-7	54-64-8	200-210-4	Thimerosal	H330 H310 H300 H373 H400 H410	< 0.001

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

4 – FIRST AID MEASURES

First aid providers: ensure your own protection.

Following inhalation:

Move the victim to fresh air. Following respiratory arrest: use artificial ventilation immediately; use oxygen mask, if necessary.
Call the doctor immediately.

Following eye contact:

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

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). Subsequently, give: activated carbon (10 – 20 g in 10% slurry). Call the doctor immediately.

Indications for the doctor: Laxative: Sodium sulphate (1 tablespoon per % liter of water). Specify methanol.

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.

In the event of fire, the following may develop: sulfur oxides, mercury vapors.

Formaldehyde vapors: flammable. Forms explosive mixtures with air at elevated temperatures.

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 at 5 – 25 °C. Protect from light.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Specific control parameter:

EC

Name: formaldehyde

Carcinogenic: C 3: (possible carcinogenic effects in humans)

Sensitization: Risk of skin sensitization

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:	liquid
Color:	colorless
Odor:	pungent

10 – STABILITY AND REACTIVITY

Conditions to be avoided:

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

Substances to be avoided:

Oxidizing agents, alkali metals, acids, oxides of nitrogen, hydrogen peroxide, phenol, aluminum and reducing agents.

Hazardous decomposition products:

In case of fire: see Section 5.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity:

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

Additional toxicological data:

Property to be expected based on the components of the product:

Following inhalation: irritation of mucous membranes, cough, shortness of breath, absorption. Inhalation may lead to the formation of airway edema.

Following skin contact: slight irritation, skin sensitization risk, skin absorption risk.

Following eye contact: slight irritation of the tear gland with vapors.

Following ingestion: irritation of mucous membranes in the oral cavity, throat, esophagus and digestive tract.

Additional information:

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

12 – ECOLOGICAL INFORMATION

Ecotoxicity effects:

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

Other ecological data:

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

Land transport: ADR, RID

UN 2024 MERCURY COMPOUND, LIQUID, I.N., 6.1, III

River transport: ADN, ADNR

not tested

Maritime transport: IMDG-Code

UN 2024 MERCURY COMPOUND, LIQUID, I.N., 6.1, III

Air transport: CAO, PAX

UN 2024 MERCURY COMPOUND, LIQUID, I.N., 6.1, III

The transport regulations are cited in accordance with international regulations and are in a form applicable in the Slovak Republic. Possible national variations in individual countries are not considered.

15 – REGULATORY INFORMATION

16 – OTHER INFORMATION

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

H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes serious skin burns and eye damage.
H317	May cause an allergic skin reaction
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H370	Causes eye damage.
H373	May cause organ damage in case of prolonged or repeated exposure.
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.*