



04.05.MATERIAL SAFETY DATA SHEET (MSDS)

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

Product name

Legipid® *Legionella* Fast Detection Kit

Product number

311-10-01/02/04

Application

Detection of *Legionella* spp

Company

Biótica, Bioquímica analítica S.L.

Science Technology and Business Park of the University Jaume I

Building Españetec 2, ground floor, laboratory 2.

12071 Castellón de la Plana (Spain)

Phone: +34 964 108 131

e-mail: info@biotica.es

Emergency phone number: 704100087

2. COMPOSITION/INFORMATION OF INGREDIENTS AND HAZARDS IDENTIFICATION

The Product is a mixture of the hazardous substances listed below along with unlisted nonhazardous substances.			
Hazardous Components Specific Chemical Identity:	CAS-No.	CE-No.	%
Thimerosal	54-64-8	200-210-4	<0.02
Used in dilution. Classification: R: 26/27/28 33 50/53S: 13 28 36 45 60 61 Classification (EC 1272/2008): Acute Tox. 2 - H300, Acute Tox. 1 - H310, Acute Tox. 1 - H330, STOT RE 2 - H373, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410 Classification (67/548/EEC): T+;R26/27/28, R33, N;R50/53			
Sodium azide	26628-22-8	247-852-1	<0.66
Used in dilution. Classification: R: 28 32 50/53 S: 28 45 60 61 Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]: Acute aquatic toxicity (Category 1), Chronic aquatic toxicity (Category 1) Classification according to EU Directives 67/548/EEC or 1999/45/EC: Contact with acids liberates very toxic gas. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. H412			
Ethylenediaminetetraacetic acid, EDTA	60-00-4	200-449-4	<0.5
Used in dilution. Classification: It's not a toxic substance according to Regulation (EC) No 1272/2008			
Phosphate Citrate Buffer	77-92-9	201-069-1	<1.0

Classification according to Regulation (EC) No 1272/2008: Skin irritation (Category 2), H315 Serious eye damage (Category 1), H318 Classification according to EU Directives 67/548/EEC or 1999/45/EC: Xi Irritant R41			
5-Aminosalicylic acid	89-57-6	201-919-1	<0.1
Classification according to Regulation (EC) No 1272/2008: Skin irritation (Category 2), H315, Eye irritation (Category 2), H319, Specific target organ toxicity - single exposure (Category 3), H335 Classification according to EU Directives 67/548/EEC or 1999/45/EC: Xi Irritant R36/37/38			
Urea Peroxide	124-43-6	204-701-4	<0.1
Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]: Oxidizing solids (Category 3), skin irritation (Category 2) H315 Classification according to EU Directives 67/548/EEC or 1999/45/EC: Contact with combustible material may cause fire. Causes burns. H272			
Sodium hydroxide	1310-73-2	215-185-5	<0.08
Used in dilution. Classification according to Regulation (EC) No 1272/2008: Corrosive to metals (Category 1), H290, cause skin irritation (Category 2), H315 Classification according to EU Directives 67/548/EEC or 1999/45/EC: C Corrosive R35			

Labelling according Regulation (EC) No 1272/2008



Hazard statement(s)

See Table in Section 2.

Precautionary statement(s)

P273 Avoid release to the environment.
Supplemental Hazard Statements none

3. FIRST AID MEASURES

In case of eyes contact

Immediately wash the eyes with plenty of water for a least 15 minutes keeping eyelids open. In case of irritation seek medical assistance.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

If swallowed

Rise the mouth if oral contamination occurs. Ingestion of this product is unlikely unless it is a deliberate act. If applicable, do not induce vomiting; seek medical assistance immediately.

If inhaled

The inhalation of the product is highly unlikely, but if it occurs, it is recommended move person into fresh air. If not breathing, give artificial respiration.

Medical advice

No specific treatment, treat according to patient outcome.

4. FIRE-FIGHTING MEASURES

Not combustible.

Extinguishing media: no restrictions

5. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

For personal protection see section 7.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep insuitable, closed containers for disposal.

Reference to other sections

For disposal see section 12

6. HANDLING AND STORAGE

Precautions for safe handling

The product is safe under normal use. Avoid contact with eyes. If splashing may occur, wear safety glasses. Avoid contact with skin by wearing gloves.

Conditions for safe storage

Keep container tightly closed. Should be stored at a temperature of 2-8°C.

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits

There are no studies about it

Protective clothing

Wear protective gloves and eye protection

8. PHYSICAL AND CHEMICAL PROPERTIES

Form	liquid and solid powder (urea peroxide and aminosalicic acid) that are mixed before use with a liquid, both of them in the same reservoir
Color	colorless liquid; white powder; brown suspension
pH	7

Boiling point 100°C

Product is not self-igniting.

9. STABILITY AND REACTIVITY

Conditions to avoid

The products are stable and unlikely to react in a hazardous manner under normal conditions of use.

Materials to avoid

Avoid contact with lead and copper plumbing to form explosive vapours. Rapidly absorbed through skin.

Hazardous decomposition products

Other decomposition products - no data available

10. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be fatal if swallowed.

Skin May be fatal if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Additional Information

RTECS: Not available

11. ECOLOGICAL INFORMATION

The results of the analysis stored in the waste container are neutralized in the last step of the protocol.

12. DISPOSAL CONSIDERATIONS

The product can be disposed of according to local regulations.
Dispose of empty containers through the process of recycling or waste disposal.

13. TRANSPORT INFORMATION

ADR/RID: not dangerous goods.
IMDG: not dangerous goods.
IATA: not dangerous goods.

14. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

According to the European legislation, the product is not classified as dangerous for supply.

15. OTHER INFORMATION

Not available.