

According Regulation (EC) No 1272/2008

1 IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SOCIETY OR COMPANY.

Product name

Legipid[®] Legionella Fast Detection Kit

Product number

311-10-01/02/04

Application

Detection of *Legionella spp*

Company

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2 HAZARDS IDENTIFICATION

Classification of the substance/mixture

Sodium Azide

Used in dilution, not powder.

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]:

Acute aquatic toxicity (Category 1) H400

Chronic aquatic toxicity (Category 1) H410

Oral Acute toxicity (Category 2) H300

Skin Acute toxicity (Category 1) H310

Specific Toxicity for certain organs – Oral repeated exposure (Category 2), Brain H373

Labelling according Regulation (EC) No 1272/2008:



Signal Word: Hazard

Hazard statement(s)

H300: Fatal if swallowed.

H310: Fatal in contact with skin.

H373: May cause damage to organs through prolonged or repeated exposure.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 + P330

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.

P302 + P352 + P310

IF ON SKIN: Wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician

P391: Collect spillage.

P501: Dispose of contents/container by authorized waste management.

Other hazards

This substance / mixture does not contain components that are considered to be persistent bioaccumulative and toxic (PBT) or very bioaccumulative and very persistent (vPvB) at levels of 0.1% or higher.

EDTA

Used in dilution, not powder.

Serious eye irritation. (Category 2),H319

Labelling according Regulation (EC) No 1272/2008:



Signal Word: Attention

Hazard statement(s)

H319: Causes serious eye irritation.

Precautionary statement(s)

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

None.

5-Aminosalicylic acid

Causes skin irritation (Category 2), H315

Causes serious eye irritation (Category 2), H319

May cause respiratory irritation (Category 3), H335

Labelling according Regulation (EC) No 1272/2008:



Signal Word: Attention

Hazard statement(s)

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

Precautionary statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

This substance / mixture does not contain components that are considered to be persistent bioaccumulative and toxic (PBT) or very bioaccumulative and very persistent (vPvB) at levels of 0.1% or higher.

Urea Peroxide

Oxidiser solids (Category 3)

Skin corrosion (Category 1B)

Labelling according Regulation (EC) No 1272/2008:



Signal Word: Hazard

Hazard statement(s)

H272: May intensify fire; oxidiser.

H314: Causes severe skin burns and eye damage.

Precautionary statement(s)

P220: Keep/Store away from clothing/.../combustible materials.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

Other Hazards

None

Thimerosal

Used in dilution, not powder.

Labelling according Regulation (EC) No 1272/2008:



Signal Word: Hazard

Hazard statement(s)

H300: Fatal if swallowed.

H310: Fatal in contact with skin.

H373: May cause damage to organs through prolonged or repeated exposure.

H330 : Fatal if inhaled.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash ... thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P284: Wear respiratory protection.

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

3. COMPOSITION/INFORMATION OF INGREDIENTS

The Product is a mixture of the hazardous substances listed below along with unlisted non hazardous substances (chemical formula protected under patent).

Hazard components according Regulation (EC) No 1272/2008:

Components	Classification	%
Sodium Azide N_3Na 65.01 g/mol No. CAS: 26628-22-8 No. CE: 247-852-1	Acute Tox. 2; Acute Tox. 1; STOT RE 2; Aquatic Acute 1; Aquatic Chronic 1; H300, H310, H373, H400, H410, Factor M-Aquatic Acute: 1	<0.1
EDTA $C_{10}H_{16}N_2O_8$ 292.24 g/mol No. CAS: 60-00-4 No. CE: 200-449-4	Eye Irrit. 2; H319	<0.5
5-Aminosalicylic acid $C_7H_7NO_3$ 153.14 g/mol No. CAS: 89-57-6 No. CE: 201-919-1	Skin Irrit.2; Eye Irrit.2; STOT SE 3; H315, H319, H335	<0.1
Urea Peroxide $CH_4N_2O \cdot H_2O_2$ 94.07 g/mol No. CAS: 124-43-6 No. CE: 204-701-4	H272, H314	<0.1
Thimerosal $C_9H_9HgNaO_2S$ 404,81 g/mol No. CAS: 54-64-8 No. CE: 200-210-4	Acute Tox.2; Acute Tox.1; STOT RE2; Aquatic Acute1; Aquatic Chronic1; H300 + H310 + H330, H373, H410	<0.02

4. 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.

5. FIRE-FIGHTING MEASURES

Not combustible.

Extinguishing media: no restrictions

6. 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

7. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits

There are no studies about it

Protective clothing

Wear protective gloves and eye protection

9. 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.

10. 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

11. 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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. 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.

16. OTHER INFORMATION

Not available.