

Compilation date: 08/05/2012

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PYROTELL®-T

Synonyms: LIMULUS AMEBOCYTE

LYSATE LAL

LYSATE

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

Use of substance / mixture: Endotoxin Detection

1.3. Details of the supplier of the safety data sheet

Company name: Associates of Cape Cod, Inc.

124 Bernard E Saint Jean Drive

East Falmouth

Massachusetts

02536-4445

USA

Tel: 001 508-540-3444

Fax: 001 508 540-8680

Email:

info@acciusa.com

1.4. Emergency telephone number

Emergency tel: 001 703-527-3887

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Sens.: R42/43

Classification under CLP: Resp. Sens. 1: H334; Skin Sens. 1: H317

Most important adverse effects: May cause sensitisation by inhalation and skin contact.

2.2. Label elements

Label elements under CLP:

Hazard statements: H317: May cause an allergic skin reaction.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Signal words: Danger

Hazard pictograms: GHS07: Exclamation mark

[cont...]

GHS08: Health hazard



Precautionary statements: P261: Avoid breathing dust.
P280: Wear protective gloves.
P285: In case of inadequate ventilation wear respiratory protection.
P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P321: Specific treatment (see instructions on this label).
P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

Label elements under CHIP:

Hazard symbols: No significant hazard.
Risk phrases: R42/43: May cause sensitisation by inhalation and skin contact.
Safety phrases: S24: Avoid contact with skin.
S37: Wear suitable gloves.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Non-hazardous ingredients:

LIMULUS AMEBOCYTE LYSATE

| EINECS | CAS | CHIP Classification | CLP Classification | Percent |
|--------|-----|---------------------|--------------------|---------|
| - | - | - | - | 50-80% |

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Consult a doctor.

[cont...]

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves. Rubber gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Colour: White

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant effects for mixture:

| Effect | Route | Basis |
|---------------|---------|-----------------------|
| Sensitisation | INH DRM | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Deposit into or on to land (e.g. landfill, etc.).

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations:

| | |
|--------------------------------|---|
| Controlled Product Regulations | This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the SDS contains all required information. |
|--------------------------------|---|

| | |
|----------------------|--------------------------|
| WHMIS Classification | Not a controlled product |
|----------------------|--------------------------|

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H317: May cause an allergic skin reaction.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

R42/43: May cause sensitisation by inhalation and skin contact.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.