

SAFETY DATASHEET

PYROTELL®

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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®

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 Int. 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 telephonenumber

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

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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: Bath the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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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.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, wellventilated area. Keep container tightlyclosed.

7.3. Specific enduse(s)

Specific enduse(s): No data available.

Section8: Exposurecontrols/personalprotection

8.1. Control parameters

Workplace exposurelimits: Not applicable.

8.2. Exposure controls

Engineering measures: Ensurethere is sufficient ventilation of the area.

Respiratoryprotection: Respiratoryprotection not required.

Handprotection: Nitrile gloves. Rubber gloves.

Eyeprotection: Safetyglasses. Ensure eye bath isto hand.

Skin protection: Protective clothing.

Section9: Physicalandchemicalproperties

9.1. Information on basicphysical and chemical properties

State: Solid

Colour: White

Odour: Odourless

Oxidising: Non-oxidising(byEC criteria)

Solubilityin water: Soluble

9.2. Other information

Other information: Not applicable.

Section10: Stabilityandreactivity

10.1. Reactivity

Reactivity: Stable under recommendedtransport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibilityof hazardous reactions

Hazardous reactions: Hazardousreactionswill not occur under normaltransport or storage conditions.

Decomposition mayoccur on exposueto conditions or materials listed below.

[cont...]

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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 emit toxic fumes of nitrogen oxides. In combustion emit 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.

[cont...]

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12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Deposit into or onto 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.

* indicate 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.

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