



# Material Safety Data Sheet

## PEPTONE BACTERIOLOGICAL

**Infosafe™** JXFAS **Issue Date** October 2012 **Status** ISSUED by BS: 1.12.2  
**No.** AJAXFC

**Not classified as hazardous according to criteria of NOHSC**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** PEPTONE BACTERIOLOGICAL  
**Product Code** 2331  
**Company Name** ThermoFisher Scientific Australia Pty Ltd (ABN 52 058 390 917)  
**Address** 5 Caribbean Drive Scoresby  
VIC 3179  
**Emergency Tel.** 1800 638 556 (24 hr) Aust / (NZ): Phone 0800 154 666  
**Telephone/Fax Number** Tel: (03) 9757 4300  
Fax: 1800 067 639  
**Recommended Use** Laboratory chemical.

<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>
	PEPTONE BACTERIOLOGICAL	10238

**Other Information** NEW ZEALAND:  
Thermo Fisher Scientific New Zealand Ltd  
244 Bush Road, Albany  
Auckland, New Zealand  
Ph: 09 980 6700  
Fax: 09 980 6788  
Email: NZinfo@thermofisher.com  
Emergency Advice (NZ): Phone 0800 154 666

## 2. HAZARDS IDENTIFICATION

---

**Hazard Classification** Australia:  
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

New Zealand:  
Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.  
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

---

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

---

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Peptone		100 %

---

## 4. FIRST AID MEASURES

---

**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye** If dust in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention

**First Aid Facilities** Eyewash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

**Other Information** For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

---

## 5. FIRE FIGHTING MEASURES

---

**Suitable  
Extinguishing  
Media**

Use carbon dioxide, dry chemical, foam, water mist or water spray.

**Hazards from  
Combustion  
Products**

Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.

**Specific Hazards** Combustible solid. This product will burn if exposed to fire. This product in sufficient quantity and reduced particle size is capable of creating a dust explosion.

**Precautions in  
connection with  
Fire**

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

---

## 6. ACCIDENTAL RELEASE MEASURES

---

**Emergency  
Procedures**

Remove all sources of ignition. Increase ventilation. Evacuate all unprotected personnel. Do not breathe dust. Wear respiratory protection and full protective clothing to minimise exposure. Sweep up material avoiding dust generation - dampen spilled material with water if suitable to avoid airborne dust, OR where possible use dustless methods such as vacuum to collect the material; then transfer material in to suitable vapour tight labelled containers for subsequent recycling or disposal. Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

---

## 7. HANDLING AND STORAGE

---

**Precautions for  
Safe Handling**

Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. Establish good housekeeping practices. Remove dust accumulations on a regular basis by vacuuming or gentle sweeping to avoid creating dust clouds. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for**

Store in a well ventilated area away from heat and sources of

**Safe Storage**

ignition, out of direct sunlight and moisture. Take precautions against static electricity discharges. Use proper grounding procedures. Store away from incompatible materials such as materials that support combustion (oxidising materials). Store in suitable, labelled containers. Inspect periodically for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. For information on the handling of Combustible dusts and grounding procedure reference should be made to Australian Standard AS/NZS 4745.2004 - 'Code of Practice for Handling Combustible Dusts'.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**National Exposure Standards**

No exposure standards have been established for this material by Safe Work, Australia or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

**Biological Limit Values**

No biological limits allocated.

**Engineering Controls**

Use with good general ventilation. If dust is produced local exhaust ventilation should be used.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection**

Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection**

Wear gloves of impervious material e.g. PVC or rubber . Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection**

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

<b>Appearance</b>	Powder.
<b>Odour</b>	Not available.
<b>Melting Point</b>	Not available.
<b>Boiling Point</b>	Not available.
<b>Solubility in Water</b>	Not available.
<b>Specific Gravity</b>	Not available.
<b>pH Value</b>	Not available.
<b>Vapour Pressure</b>	Not available.
<b>Vapour Density (Air=1)</b>	Not available.
<b>Flash Point</b>	Not available.
<b>Flammability</b>	Combustible solid
<b>Auto-Ignition Temperature</b>	Not available.
<b>Flammable Limits - Lower</b>	Not available.
<b>Flammable Limits - Upper</b>	Not available.

---

## 10. STABILITY AND REACTIVITY

---

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Heat, dust accumulation, flames and other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.
<b>Hazardous Polymerization</b>	Will not occur.

---

## 11. TOXICOLOGICAL INFORMATION

---

<b>Toxicology Information</b>	No toxicity data available for this product.
<b>Inhalation</b>	Inhalation of dusts may irritate the respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	Skin contact may cause mechanical irritation resulting in redness and itching.
<b>Eye</b>	Eye contact may cause mechanical irritation. May result in mild abrasion.
<b>Chronic Effects</b>	Chronic exposure by inhalation may aggravate pre-existing upper respiratory and lung disorders such as bronchitis, emphysema and asthma. Onset and progression are related to dust concentrations and duration of exposure.

---

## 12. ECOLOGICAL INFORMATION

---

<b>Ecotoxicity</b>	No ecological data are available for this material.
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Other Precautions</b>	Prevent this material entering waterways, drains and sewers.

---

## 13. DISPOSAL CONSIDERATIONS

---

<b>Disposal Considerations</b>	<p>Dispose of waste according to applicable local and national regulations.</p> <p>Product Disposal: This product can be disposed through a licensed commercial waste collection service, in accordance with applicable local and national regulations. This product is non-hazardous and therefore the New Zealand HSNO regulations regarding disposal do not apply, however other regulations may apply. It can be disposed in a licensed landfill facility.</p> <p>Container Disposal: The product is non-hazardous, therefore, the packaging may be re-</p>
--------------------------------	---

used or recycled if it has been treated to remove any residual contents of the substance. Any wash-off water from the container cleaning process should be sent to a suitable waste water treatment plant before discharge into the environment.

In New Zealand, the packaging (that may or may not contain any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

---

## 14. TRANSPORT INFORMATION

---

### **Transport Information**

Australia Road and Rail Transport:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

New Zealand Road and Rail Transport:

Not classified as Dangerous Goods for transport according to the NZS 5433:2012 Transport of Dangerous Goods on Land.

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### **IMDG Marine Pollutant (MP)**

No

---

## 15. REGULATORY INFORMATION

---

### **Regulatory Information**

Australia:

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule** Not Scheduled

### **National and or International Regulatory Information**

New Zealand:

Not classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempted.

**AICS (Australia)** All components of this product are listed on the Australian

## 16. OTHER INFORMATION

---

**Date of  
preparation or  
last revision of  
MSDS**

MSDS Reviewed: October 2012  
MSDS Superseded: November 2007

**Contact  
Person/Point**

For further information contact the Compliance Manager on (02) 9524 0757 during business hours. In emergencies Australia 1800 638 556

IMPORTANT ADVICE: This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Ajax Finechem Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

---

End of MSDS

---

(C) Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd. Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.

Print Date: 20/11/2012

BS: 1.12.2