

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION AND COMPANY DETAILS

Product name: **PRIOCLEAR B™**
Product Code(s): 5520

Manufacturers name: **ProMetic BioSciences Limited**
Address: The Freeport, Ballasalla
Isle of Man
IM9 2AP
British Isles

Telephone number: +44 (0)1624 821450
(Same number to be used in emergencies)

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Date Prepared: 02 February 2010

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (specific chemical identity/ Common name):

OSHA ACGIH Typical %
Component CAS No. PEL (mg/m³) TLV (mg/m³) by Weight
Particulates, NOC. Not Estab. 15 10 < 99
Dialkyl Phthalate 84-74-2 5 5 < 15

SOLIDS: **100% Microspheres of Peptide derivatised methacrylate beads**
Plasticized acrylic polymer based on Methyl Methacrylate derivatised by a peptide ligand.

SECTION 3 - HAZARD INFORMATION

Treat as inert / Non-hazardous. No toxic / ill effects under normal operating conditions.
Repeated or prolonged exposure is not known to aggravate any medical condition.

Inhalation: Slightly hazardous
Ingestion: Slightly hazardous.
Skin contact: Irritation may occur. No data on sensitisation. May have drying effect, especially on mucous membranes
Eye contact: Irritating to eyes.

SECTION 4 - FIRST AID MEASURES

Skin contact: Remove contaminated clothing and shoes. Immediately flush skin with copious amounts of cold water for at least 10 minutes, then wash with soap and water.
Eye contact: Check for and remove any contact lenses. Immediately flush eyes with copious amounts of water for at least 15 minutes.
Ingestion: Wash out mouth with cold water provided person is conscious. Seek medical advice. Do not induce vomiting unless directed by a physician.
Inhalation: Remove to fresh air. Seek medical advice if symptoms occur.

Always seek medical attention if irritation continues.

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SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water spray, dry chemical powder or appropriate foam.
Special fire fighting procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire and explosions hazards:	May emit toxic fumes under fire conditions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Take care floor surface will be slippery at site of spillage.

Wear chemical safety goggles, splash suit, rubber boots and gloves.

Absorb onto adsorbent paper. In case of large volumes, use sand or other inert material. Prevent spillage from entering drains. Do not touch spilled material. Place in a bag/other appropriate non-hazardous container and hold away from ignition sources/heat for waste disposal. Ventilate area and wash spill site with water after material pickup is complete.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in the event of spillage or chemical release: Wear suitable protective clothing.

Waste disposal method: Dispose of in accordance with national and local regulations for inert non-hazardous waste material.

Precautions to be taken in Handling and Storage:

Short term storage (1 month): store in a cool, dry place (2-30°C) in original sealed containers away from heat sources and sunlight.

Long term storage (>1 month): requires 4-8°C. Product is stable for 12 months at this temperature.

Avoid contact with strong oxidants and strong acids.

Other Precautions: N.D.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

Occupation Exposure Limits: No data for microspheres but non-toxic.

Personal Protective Equipment:

Respiratory System: Wear appropriate respirator when ventilation is inadequate

Skin and Body: Laboratory Coat

Hands: Impervious Gloves

Eyes: Safety glasses or goggles

Other/Special: None required

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Dry Powder
Colour:	White microspheres
Odour:	None
Odour Threshold:	No data available
pH:	Not applicable
Boiling Point:	N/A
Melting Point:	>260°C
Flash Point:	N/A
Fire Hazards in presence of various substances:	May be flammable in presence of open flames, sparks and heat
Auto-ignition temperature:	N/A
Explosive Properties:	No risk
Lower explosion limit:	N/A
Oxidising properties:	No data available
Vapour Pressure:	No data available
Evaporation Rate:	No data available
Density:	No data available
Solubility:	Insoluble
Vapour Density:	No data available

SECTION 10 - REACTIVITY DATA

Stability:	STABLE at normal temperatures and storage conditions.
Conditions to avoid:	Contact with strong oxidants. Heat and flames.
Incompatibility: (materials to avoid)	Contact with strong oxidants and acids
Hazardous Decomposition or By-products:	Thermal decomposition may yield oxides of carbon and Nitrogen
Hazardous polymerisation:	WILL NOT OCCUR.

SECTION 11 - TOXICOLOGICAL INFORMATION

The toxicological properties of the preparation have not been fully investigated.

The toxicological information for the components is:

Acute effects.
Causes eye irritation.
Causes skin irritation.
Material is irritating to mucous membranes.
May be harmful by ingestion.
This material is non-toxic

SECTION 12 - ECOLOGICAL INFORMATION

Data not yet available.

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SECTION 13 - DISPOSAL CONSIDERATIONS

This material is not regarded as hazardous waste.
Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14 - TRANSPORT INFORMATION

Non-hazardous for road, sea and airfreight.

SECTION 15 - REGULATORY INFORMATION

IRRITANT

Safety Phrases: S16 Keep away from sources of ignition – No smoking
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Risk Phrases: S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
R10 Flammable
R36/37/38 Irritating to eyes, respiratory system and skin

Regulations: The Chemicals (Hazard Information and Packaging for Supply) regulations 2002.
1999/45/EC Dangerous Preparations Directive.
91/155/EC Safety Data Sheets Directive.

SECTION 16 - OTHER INFORMATION

Source of key data used to compile Safety Data Sheet:	Component Supplier Safety Data Sheets
Issue Number:	Revision dates 23 Jan 2003.
Issue Date:	4
Effective Date:	02 Feb 2010
	02 Feb 2010

Notice to Reader:

To the best of our knowledge the information contained herein is accurate.

However, neither the named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

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