

BENPEN™ (Benzylpenicillin (as benzylpenicillin sodium) Powder for Injection)

SAFETY DATA SHEET

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IMPORTANT NOTICE This Safety Data Sheet (SDS) is prepared by Seqirus Pty. Ltd. in accordance with Safe Work Australia National Code of Practice for the Preparation of Safety Data Sheets (February 2016). The information contained herein must not be altered or deleted. Additional information may be appended to the SDS, but it must be marked clearly to indicate that it is not part of the original.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name BENPEN™ (Benzylpenicillin (as benzylpenicillin sodium) Powder for Injection)

Other Names Penicillin G

Supplier's Product Code 1 x 600mg – 00180600; 1 x 1.2g – 00181200; 1 x 3g – 00183000

Use BENPEN™ is an antibiotic used to treat some infections in different parts of the body caused by bacteria.

Supplier Name Seqirus Pty. Ltd. (ABN 26 160 735 035)

Address 63 Poplar Road, Parkville, Victoria 3052, Australia

Telephone +61 (0)3 9389 2000

Emergency Telephone +61 (0)3 9389 1984 (24 hour)

2. HAZARDS IDENTIFICATION

Classified as a hazardous chemical according to Australian WHS regulations

GHS Classification(s) Respiratory sensitisation – category 1
Skin sensitisation - category 1

Signal Word Danger

Pictogram(s)



Hazard Statement(s) May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction

Prevention statement(s) Avoid breathing dust.
In case of inadequate ventilation wear respiratory protection.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.

Response statement(s) IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see ... on this label) ...
Wash contaminated clothing before reuse.

Storage statements(s)

Disposal statement(s) Dispose of contents/ container to licensed incineration site in accordance with State Regulations

Other information N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name:</i>	<i>CAS Number:</i>	<i>Proportion:</i>
Benzylpenicillin (as benzylpenicillin sodium)	69-57-8	100%

4. FIRST AID MEASURES

Eye Hold eye open, wash with fresh running water for at least 15 minutes. Seek medical attention in event of irritation.

Swallowed Wash out mouth thoroughly with water, if irritation or discomfort persists or if sensitive to penicillin seek medical attention immediately.

Skin Wash affected areas thoroughly with soap and water. Remove contaminated clothing. Seek medical attention in event of irritation.

Inhaled Move exposed person to fresh air. If necessary administer medical oxygen by trained personnel. If sensitive to penicillin seek medical attention.

Aggravated Medical Conditions Individuals sensitive to penicillin may exhibit an allergic reaction following direct contact. Anaphylactic reactions have occurred in sensitive individuals. Symptoms might also include skin rash, nausea, vomiting, diarrhoea, fever. Symptoms may be immediate or delayed.

Advice To Doctor Treat symptomatically. Cases of overexposure should be treated as an overdose of penicillin. Cases of anaphylaxis may require treatment with adrenaline, oxygen, intravenous steroids and airway management including intubation.

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard Toxic or corrosive gases may be emitted from fires involving this product and its packaging, therefore self-contained breathing apparatus and full protective equipment are recommended for fire fighters. Where possible, contain and collect firefighting water for later disposal.

Fire Extinguishing Media

- Water
- Dry chemical powder
- Foam

Hazchem Code None allocated.

6. ACCIDENTAL RELEASE MEASURES

- Minor Spills**
- Wear protective gloves and safety glasses.
 - Clean up spill immediately.
 - Take care to avoid excessive dust during clean up.
 - If dust is present wear a minimum P1 filter grade dust mask.
 - Place spilled material in clean, dry, sealed container for disposal.
 - Wash area with copious amounts of water.
- Major Spills**
- Remove or shut off all sources of ignition.
 - Wear protective gloves and safety glasses.
 - Take care to avoid excessive dust during clean up.
 - If dust is present wear a minimum P1 filter grade dust mask.
 - Contain and absorb spills using earth, sand or inert absorbent.
 - Collect residues and seal in labelled drums for disposal.
 - Wash area with copious amounts of water.

7. HANDLING AND STORAGE

- Store below 25°C in dry conditions.
- Store as per Schedule 4 pharmaceutical.
- Protect from light.
- Limit all unnecessary personal contact.
- Wash hands thoroughly after handling material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards No exposure limits set by SWA or ACGIH

Engineering Controls None under normal operating conditions.

Personal Protection Persons with previous history of significant allergy to antibiotics should avoid potential exposure to this material.

- Wear safety glasses if eye contact is possible.
- Wear protective gloves.
- If dust is present wear a minimum P1 filter grade dust mask.
- Wash hands thoroughly after handling material.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information, consult your Occupational Health and Safety Adviser.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance White to off-white powder.

Odour Very slight odour.

pH 5.8-7.5 (100g/l / 20°C)

Boiling Point/Melting Point Not determined

Vapour Pressure Not determined

Vapour Density	Not determined
Specific Gravity	1.41kg/dm ³ at 20°C
Flashpoint	Not determined
Autoignition Temperature	>360°C
Flammability Limits	Not determined
Solubility in Water	300g/L at 20°C

10. STABILITY AND REACTIVITY

Reactivity	Not known to be incompatible with other materials.
Stability	Stable under anticipated storage and handling conditions (refer section 7).
Decomposition Products	Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur dioxide.

11. TOXICOLOGICAL INFORMATION

Eye	In individuals non-allergic to penicillin, may cause irritation, redness or swelling following direct contact. May induce the development of allergy (sensitisation). In individuals who are already allergic to penicillin, may precipitate an acute allergic reaction. Local swelling may be accompanied by systemic symptoms. See under Acute Effects, Swallowed and Skin.
Swallowed	In non-allergic individuals large doses are generally non-toxic. Individuals sensitive to penicillin may exhibit allergic reactions – life threatening reactions (anaphylaxis) have occurred in sensitive individuals. Symptoms might also include skin rash, nausea, diarrhoea, sore or dry mouth or sore tongue.
Skin	Allergic skin reaction can occur following direct contact. Symptoms might include skin rash, swelling or itching.
Inhaled	May cause sensitisation. In allergic individuals may precipitate difficulty breathing, wheezing or coughing.
Chronic Health Effects	No chronic health effects known.
Toxicity Data	
<i>Acute toxicity</i>	LD50 oral: 6916 mg/kg (Species: rat)
<i>Sensitisation</i>	Respiratory system (Species: human) : sensitising Skin (Species: human) : sensitising

12. ECOLOGICAL INFORMATION

- No data available.
 - For good environmental practice avoid discharge to waterways.
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13. DISPOSAL CONSIDERATIONS

- In accordance with state land and waste management authority.
- Use an onsite licensed incinerator, if permitted by licence. Alternatively, dispose via a licensed commercial incinerator.

14. TRANSPORT INFORMATION

Not classified as a dangerous good by the criteria of the ADG Code

UN Number	None allocated
DG Class	None allocated
Subsidiary Risk	None allocated
Packing Group	None allocated
Hazchem Code	None allocated

15. REGULATORY INFORMATION

Poisons Schedule Number Schedule 4 (S4) – Prescription only medicine

16. OTHER INFORMATION

Last Revised 7 October 2016

Reason for Revision

- Update to Seqirus Pty Ltd
- Update to GHS Classification

Abbreviations

SWA	-	Safe Work Australia
ACGIH	-	American Conference of Governmental Industrial Hygienists
ADG Code	-	Australian Dangerous Goods Code
UN Number	-	United Nations Number
DG Class	-	Dangerous Goods Class
CAS Number	-	Chemical Abstract Service Number
LD50	-	Calculated dose causing death to 50% of an entire defined population of experimental animals
GHS	-	Globally Harmonised System
WHS	-	Work Health and Safety

Contact Point

Company Contact:	+61 3 9389 1984 (24hr)
Australian Poisons Information Centre, 24 hour service:	13 11 26
Australian Police, Fire Brigade or Ambulance:	000

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