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BIOHUB PENETRATE™

Safety Data Sheet



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Overview

BioHub Penetrate has been assessed and has not been classified as either a hazardous substance or dangerous good according to the:

- NOHSC approved criteria for classifying hazardous substances NOHSC (1008:2004)
- Australia Code for the Transport of Dangerous Goods by Road and Rail

1. Identification of the Material and Manufacturer

Product Name	BioHub Penetrate
Intended Use	Fertilising compound liquid
Details of Company	BioHub Pty Ltd 3/49 Donaldson Road Rocklea, Qld, 4106
Emergency Contact	Chemtrec +(61)-2 9037 2994
UN Number	N/A
D.G. Class	N/A
Subsidiary Risk	None
Hazchem Code	N/A
Packaging Group	N/A
Poisons Schedule	N/A

2. Hazards Identification

Non-hazardous according to the criteria of Worksafe Australia

This product has been assessed and has not been classified as either a hazardous substance or dangerous goods according to the:

- NOHSC approved criteria for classifying hazardous substances NOHSC (1008:2004)
- Australia Code for the Transport of Dangerous Goods by Road and Rail

3. Composition/Information on Ingredients

Substances presenting a health hazard within the meaning of the chemicals (Hazard Information and Packaging) Regulations 1993.

Substance Name	None presenting a hazard
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4. First Aid Measures

General	Wash well after use. Wash hands thoroughly before eating.
On Inhalation	Treat symptomatically.
On Eye Contact	Flush immediately with water for at least 15 minutes. Contact doctor if eye irritation persists.
On Skin Contact	Wash thoroughly with soap and water. Remove contaminated clothing and wash before use. Contact doctor if skin becomes irritated.
On Ingestion	If conscious and alert, drink water to dilute and then induce vomiting. Contact a doctor or Poison Control Centre immediately.

5. Fire Fighting Measures

Flammability	The product poses no flammability hazard.
Fire/Explosion Hazard	This is not a flammable material. In smoke or fumes wear self-contained breathing apparatus. Advise fire brigade of any hazard. Suitable for most extinguishing media. Contain any liquid run-off.

6. Accidental Release Measures

Spills

Contain spill, absorb liquids by covering with absorbent material. Vacuum or sweep waste. Place in container.

Always dispose of in accordance with local, state, and federal regulations.

7. Handling and Storage

Ensure good work practices. Containers will be either 20 and 1000 litre in either metal or plastic.

Ventilation	Ensure ventilation is adequate to maintain air concentrations below exposure standards and as low as is reasonably practicable. While good natural ventilation may be adequate in most cases, local exhaust ventilation may be required.
Personal Protection	Protective equipment must be worn; PVC gloves, waterproof apron, safety boots, and a full-face shield. Avoid breathing dust or vapours.
Flammability	The product poses no flammable hazard.
Storage & Transport	This is a non-dangerous good. Store away from combustible materials, herbicides, and fungicides. Store in well-sealed container in cool, dry place.

Keep out of the reach of children

The information contained in this SDS is specific to the product when handled and used neat. This product when diluted may be classified as non-hazardous and may not require the same control measures as the neat product. Check with your technical representative if in doubt.

8. Exposure Controls and Personal Protection

Ensure good work practices. Containers will be either 20 and 1000 litre in either metal or plastic.

General Protection	Good industrial practices of hygiene and care. Wear clothing consistent for handling and applying chemicals.
Respiratory Protection	Not normally required. If use generates an aerosol mist or respiratory irritation, utilise a NIOSH approved dust/mist respirator.
Eye Protection	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Ventilation	Recommended but not TLV established.
Skin Protection	Impervious gloves and clothes.

9. Physical and Chemical Properties

Appearance	Clear blue green Liquid
Boiling Point	>100°C
Vapour Pressure	No information available
Percent Volatiles	No information available
Specific Gravity	1.025
Flash Point	No information available
Flammability Limits	No information available
Autoignition Temperature	No information available
pH (neat)	7.5
Shelf life	2 years

10. Stability and Reactivity

Reactivity	Avoid contact with inter halogens, strong acids, strong oxidising agents (may decompose) and metals (is corrosive to most).
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11. Toxicological Information

Swallowed	Ingestion may cause irritation to mouth, throat and stomach. Large doses may lead to ulceration of GI tract.
Eye	A strong irritant to eyes.
Skin	Mildly irritating to skin.
Inhaled	Nil.

12. Ecological Information

Substance Name	None presenting a hazard.
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13. Disposal Considerations

Disposal

Rinse all drums with water and add to spray mix. Dispose of all containers at a suitable site.

Always dispose of in accordance with local, state, and federal regulations.

14. Transport Information

Transport

This is a non-dangerous good. Store away from combustible materials, herbicides and fungicides.
Store in well-sealed container in cool dry place.

15. Regulatory Information

Non-hazardous according to the criteria of Worksafe Australia

This product has been assessed and has not been classified as either a hazardous substance or dangerous goods according to the:

- NOHSC approved criteria for classifying hazardous substances NOHSC (1008:2004)
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16. Other Information

SDS Creation Date	26/12/2019
Issue Number	001. This issue number replaces all previous issues.
Customer Service	1300 064 020
Australian Poisons Info Centre	13 11 26

The product should not be used for purposes other than shown in Section 1 without first referring to the supplier and obtaining written instructions. As specific conditions of use of the product are outside of the suppliers' control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information in this Safety Data Sheet is based on the present knowledge and current national legislation. It provides guidance on health, safety, and environmental aspects of the product and should not be construed as a guarantee of technical performance or suitability for particular applications. This SDS will be revised and updated as requirements occur. Should further information and relevant advice be required, contact BioHub Solutions Pty Ltd.