

# Safety Data Sheet

Date of Issue: 29 March 2017

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## SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name:**

**Ecocare Nitro-Plus**

**Recommended Use:**

Control of Ammonia and Nitrite, High COD/BOD conditions, reseeded WWTP

**Supplier Details:**

Company: Insight Environmental  
Address: 40 Hargreaves Street BELMONT WA 6104 Australia  
Telephone Number: (+61-8) 9474 8400  
Facsimile Number: (+61-8) 9477 3565  
E-mail: enquiries@insightenvironmental.com.au  
Emergency Telephone No: (+61-8) 9474 8400 Monday to Friday 7.00 am to 5.00 pm

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## SECTION 2: HAZARDS IDENTIFICATION

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Not classified as hazardous according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Non Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.

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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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**Product Description:** Liquid suspension of a proprietary mixture of selected halophilic and autotrophic micro-organisms in buffered suspension. Product contains Class I (food grade) bacteria only.

Chemical Name	CAS Number	Proportion
Ingredients not deemed to be hazardous	N/A	100%

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## SECTION 4: FIRST AID MEASURES

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As with any chemical, ingestion, inhalation, and prolonged or repeated skin contact should be avoided by good occupational work practice.

**First Aid Measures:**

**Skin:** Immediately wash affected area thoroughly with water.  
**Eyes:** Immediately flush with plenty of water. If irritation persists, have eyes treated by medical personnel.  
**Ingestion:** Drink plenty of water to dilute and seek immediate medical attention.  
**Inhaled:** N/A

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## SECTION 5: FIRE FIGHTING MEASURES

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**Flammability:** Product is not flammable.  
**Flash Point:** N/A  
**Upper Explosion Limit:** N/A

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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<b>Personal Precautions:</b>	Avoid eye contact.
<b>Spills:</b>	Very small spills can be flushed to the drainage system.
<b>Disposal:</b>	Large spills must be collected for disposal or reuse. Wear appropriate protective clothing.

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## SECTION 7: HANDLING AND STORAGE

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<b>Product Handling:</b>	Wear appropriate PPE – see section 8.
<b>Storage:</b>	Store dry in temperature range 5 - 20°C. Do not expose to direct sunlight or moisture.
<b>Storage Materials:</b>	Standard packaging.
<b>Incompatibilities:</b>	None known.
<b>Other information:</b>	None established.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Exposure Standards:</b>	Refer to section 4.
<b>Engineering Controls:</b>	No special engineering controls required.
<b>Personal Protection</b>	
<i>Respiratory:</i>	Respiratory protection is not normally required.
<i>Hand:</i>	Gloves are not normally required.
<i>Eye:</i>	Safety glasses are not normally required.
<i>Skin:</i>	Protective equipment is not normally necessary.
<i>Hygiene:</i>	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### *Appearance*

<b>Clarity:</b>	Opaque to clear.
<b>Colour:</b>	Brownish.
<b>State:</b>	Liquid suspension.
<b>Odour:</b>	Natural.

### *Chemical Properties*

<b>Solubility:</b>	Miscible.
<b>Specific Gravity (20°C):</b>	1.0
<b>Percent Volatile:</b>	N/A
<b>Viscosity:</b>	N/A
<b>Flammability:</b>	Not determined.
<b>Explosive Properties:</b>	Not determined.
<b>pH:</b>	6.0 – 8.0
<b>Boiling Point (C°):</b>	N/A
<b>Oxidising Potential:</b>	Not determined.
<b>Vapour Pressure:</b>	Not determined.
<b>Vapour Density:</b>	Not Determined.
<b>Evaporation Rate:</b>	Not determined.
<b>Shelf Life:</b>	12 months unopened.

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## SECTION 10: STABILITY AND REACTIVITY

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**Conditions for Chemical Instability:** Stable under normal conditions.  
**Incompatible Materials:** Strong oxidising agents / disinfectants such as chlorine, bleach, quaternary ammonia.  
**Conditions for Reactivity:** Avoid excessively high or low temperatures (keep above 4 degrees and below 35).

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## SECTION 11: TOXICOLOGY INFORMATION

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Micro-organisms used are non-pathogenic.  
Product is considered non-toxic by ingestion.

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## SECTION 12: ECOLOGICAL INFORMATION

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**Aquatic:** This product improves aquatic activity.  
**Terrestrial:** Not known.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Product is 100% biodegradable.  
Disposal of this product or its residue must be in accordance with all local and national regulations.  
No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

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## SECTION 14: TRANSPORT INFORMATION

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Product is classified as “cultures of micro-organisms” for shipping and air to IATA standards.  
No special packaging or labelling requirements are needed for this product.

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## SECTION 15: REGULATORY INFORMATION

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No risk phrases, safety phrases or mandatory hazard symbols associated with product.

**Hazard symbols:** Not applicable.  
**Risk phrases:** R36 – Irritating to eyes  
R38 – Irritating to skin  
**Safety phrases:** S24 – Avoid contact with skin  
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical  
S37/39 – Wear suitable gloves and eye/face protection

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## SECTION 16: OTHER INFORMATION

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LAST REVISION DATE: 29 March 2017

Safety Data Sheets are current for a maximum of five years but may be updated more frequently. Please ensure that you have a current copy.

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