

## SAFETY DATA SHEET – AusORB

This Safety Data Sheet was created in accordance with the SWA National Code of Practice for the Preparation of Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011(2003)] and under the requirements of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

**Date of Issue:** Issue #1, February 2026 (valid for 5 years)

**Trade Names:** **AusORB, AusPCE, AusDCA, AusDCA-Paradesulfitobacterium, AusDCA-BP60-22, and AusCF**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- 1.1 Product Name:** **Microbial Culture at Biosafety Level 1**  
**Unique Reference #:** Not applicable.  
**Other Names:** AusORB, AusPCE, AusDCA, AusDCA-desulfitobacterium, AusDCA-BP60-22, and AusCF
- 1.2 Manufacturer Name:** **Micronovo Technologies Pty Limited** (A.B.N. 92 676 406 965)  
Gate 3, Botany Industrial Park,  
Denison St, Banksmeadow NSW  
Tel. 61 2 4869 3261, Fax. 61 2 4869 3264  
*Email:* [info@micronovotech.com.au](mailto:info@micronovotech.com.au), *Internet:* [www.micronovotech.com.au](http://www.micronovotech.com.au)
- 1.3 Recommended Use:** A microbial culture capable of removing chlorinated solvents from contaminated groundwater.
- 1.4 Emergency Tel. #:** +61 425 279 798  
Product information (Monday – Friday, 9:00am – 17:00pm EST)

### 2. HAZARDS IDENTIFICATION

- 2.1 Statement of Hazardous Nature:** Not classified as hazardous or dangerous in accordance with [NOHSC:1008 (2004)] [3<sup>rd</sup> Ed.]. This substance is not hazardous as defined by AS/NZS 2243.3. however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.
- 2.2 Risk Phrases:** Not hazardous. No criteria found.
- 2.3 Safety Phrases:** S18, S24, S25, S37.
- 2.4 SUSMP Classification:** None Allocated.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Substance:** Growing cells shipped in liquid cell culture medium (a mixture of components that may include, but is not limited to: inorganic salts, vitamins, amino acids, carbohydrates and other nutrients dissolved in water).

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### 4. FIRST AID MEASURES

- 4.1 Eye Contact:** Hold eyes open, flooding with water for at least 15 minutes. Seek medical attention if irritation persist.
- 4.2 Skin Contact:** Wash affected area with soap and water. If irritation or redness results from prolonged skin contact, seek medical attention.
- 4.3 Ingestion:** Thoroughly rinse mouth with water. Do not induce vomiting. If discomfort arises, seek medical attention.
- 4.4 Inhalation:** If encountering respiratory difficulties, remove from dusty area and into fresh air, if possible. Seek medical attention if effects persist.
- 4.5 First Aid Facilities:** Sterile eyewash solution for treatment of nuisance dusts.
- 4.6 Advice to Doctor:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media:**  
Suitable: Water spray, carbon dioxide or dry chemical powder.  
Unsuitable: No Restrictions.
- 5.2 Hazards from Combustion Products:**  
Responders should take into consideration the biohazard risk associated with responding to a fire in the area where the material may be stored or handled.
- 5.3 Precautions for Fire Fighters and Special Protective Equipment:**  
Wear self-contained breathing apparatus and protective clothing to prevent inhalation, ingestion, skin and eye contact.
- 5.4 Hazchem Code:** None Allocated.

### 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Emergency Procedures:** Spills of this material do not pose a risk to health or the environment. Materials can be safely flushed to sewer or released to the environment.

**6.2 Methods and Materials for Containment and Clean Up Procedures**

Wear appropriate protective equipment (See Section 8: Exposure Controls / Personal Protection) where significant exposure is possible. Wash with soap and water. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Do not take clothing home. If cleaning residues with a vacuum cleaner, use HEPA rated vacuum.

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### 7. HANDLING & STORAGE

- 7.1 Precautions for Safe Handling:** Not classified as a dangerous good or hazardous substance. No special handling requirements necessary. Do not eat, drink or smoke when handling this material. Always wash hands before eating and remove contaminated clothing and protective equipment before entering eating areas.
- 7.2 Conditions for Safe Storage:** Observe storage instructions on container. Keep container in a dry, ventilated area.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Exposure Limits:** No exposure limit allocated.
- 8.2 Biological Limits:** No biological limit allocated.
- 8.3 Engineering Controls:** No special engineering control is required.
- 8.4 Personal Protective Equipment**
- Eye Protection:** Goggles are recommended to prevent eye exposure.
- Skin Protection:** Gloves are recommended to prevent skin exposure.
- Respiratory Protection:** Protective mask should be worn if exposure to spillage is likely.
- Other Protection:** Wear appropriate clothing for work.

### 9. PHYSICAL & CHEMICAL PROPERTIES

No data available.

### 10. STABILITY & REACTIVITY

- 10.1 Chemical Stability:** Stable under normal and anticipated storage and handling conditions of temperature and pressure.
- 10.2 Conditions to Avoid:** Not reactive under conditions of normal use.
- 10.3 Incompatible Materials:** None.
- 10.4 Hazardous Reactions:** None.
- 10.5 Hazardous Decomposition Products:** None, when used and handled as intended.

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### 11. TOXICOLOGICAL INFORMATION

**11.1 Acute Health Effects:** No data available.

**11.2 Chronic Health Effects:** No data available.

**11.3 Health Effects from Likely Routes of Exposure:**

Swallowed: No data available. Avoid ingestion.

Eye: No data available. Avoid eye contact.

Skin: No data available. Avoid skin contact.

Inhaled: No data available. Avoid inhalation.

### 12. ECOLOGICAL INFORMATION

**12.1 Ecotoxicity:** No data available.

**12.2 Persistence / Degradability:** No data available.

**12.3 Mobility:** Not relevant.

**12.4 Additional Information:** None.

### 13. DISPOSAL CONSIDERATIONS

**13.1 Disposal Methods:** Decontaminate all wastes before disposal (steam sterilization, chemical disinfection, and/or incineration). Dispose of in accordance with applicable regulations.

**13.2 Special Precautions for Landfill or Incineration:** Not relevant.

### 14. TRANSPORT INFORMATION

**14.1 UN Number:** None Allocated.

**14.2 UN Proper Shipping Name:** None Allocated.

**14.3 UN Class & Subsidiary Risk:** None Allocated.

**14.4 UN Packing Group:** None Allocated.

**14.5 Special Precautions for User:** Contact Micronovo for special precautions required for transport.

**14.6 Hazchem Code:** None Allocated.

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### 15. REGULATORY INFORMATION

SUSMP Poisons Schedule Number:	None Allocated.
National Industrial Chemicals Notification & Assessment Scheme (NICNAS):	None Allocated.
Australian Pesticides & Veterinary Medicines Authority:	None Allocated.
Therapeutic Goods Administration (TGA):	None Allocated.
Food Standards Australia New Zealand (FSANZ):	None Allocated.

### 16. OTHER INFORMATION

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#### Acronyms:

ADG	Code Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition AICS Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code that provide information to emergency services
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
SWA	Safe Work Australia, formerly ASCC and NOHSC
UN Number	United Nations Number

#### Disclaimer:

This Safety Data Sheet (SDS) summarises 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 must review this SDS and consider the information in the context of how the product will be handled and used in the workplace. Users should make an independent decision regarding the accuracy of this information based on their needs and data available to them. All substances and mixtures may present unknown hazards and all necessary safety precautions should be taken.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, that is also available on request.

**End of SDS**