

# SAFETY DATA SHEET

## FERBON FF50 BIO-HUMATE SOIL CONDITIONER

### Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

#### IDENTIFICATION

**Product Name:** FERBON FF50 BIO-HUMATE SOIL CONDITIONER

**Other Names:**

**USE:** SOIL CONDITIONER, FERTILISER ADDITIVE

#### COMPANY DETAILS:

Company Name: Interstate Energy Group Pty Ltd  
Address: P.O. Box 1039  
Bacchus Marsh, Vic. 3340  
Tel: (03) 5367 0725  
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Emergency Telephone No: 0438 347 334

### Section 2. HAZARDS IDENTIFICATION

**HAZARD CLASSIFICATION:** This product contains micro-organisms. Direct exposure and contact through repeated inhalation may cause respiratory irritation, skin irritation, or infection.

**NON-HAZARDOUS:** Not classified as hazardous according to NOHSC criteria.  
**NON-DANGEROUS:** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road and rail.

**RISK PHASE(S):** **R36/37/38.** May be irritating to eyes, skin and respiratory system.  
**SAFETY PHASE(S):** **S25:** Avoid contact with eyes.  
**S36/37/39.** Wear suitable protective clothing, gloves, eye and face protection.

**Poison Schedule:** None allocated.

### Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity of Ingredients	CAS No.
Brown Coal (Lignite)	129521-66-00
Organic Matter	Not Applicable
Basalt Rock Fines	Not Applicable

### Section 4. FIRST AID MEASURES

**Swallowed:** Rinse mouth, DO NOT INDUCE VOMITING. Give water to drink and obtain medical attention.

**Eye:** Immediately rinse affected eye(s) with plenty of water, holding eyelids open for 10 minutes. If irritation persists, see a doctor or transport to hospital.

**Skin:** Wash areas with soap and water. Seek medical attention for any persistent skin symptoms.

**Inhaled:** Remove affected person from exposure – Avoid becoming a casualty. If irritation persists, see a doctor or transport to hospital.

**First Aid Facility:** Eye wash fountain, safety shower and normal wash room facilities.

**Advice to Doctor:** Treat symptomatically.

### Section 5 - FIRE FIGHTING MEASURES

**Fire/Explosion Hazard:** Eliminate all naked flames or other source of ignition.

**Hazardous Decomposition Products:** Oxides of carbon, nitrogen and noxious smoke.

**Firefighting Procedures:** Fire fighters to wear Self-contained breathing apparatus(SCBA) in confined spaces, or if oxygen deficient atmospheres exist or if exposure to products of decomposition is suspected with full protective equipment.

**Extinguishing Media:** Use extinguishing media suitable for surrounding fire situation.

**Stability:** Stable, under normal conditions of use.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

**Spills and Disposal:** Follow all safety precautions. Contain – prevent runoff into drains and waterways. Collect and seal in properly labelled containers

### Section 7 - HANDLING and STORAGE

**Storage:** Store away from food stuffs. Do not store with other chemical agents.

**Precautions for safe handling:** Wear suitable protective clothing. Avoid skin and eye contact and breathing in vapour, mists and aerosols.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards:** No exposure standard has been established for this product by the National Occupational Health and Safety Commission.

**Engineering Controls:** Use in a well-ventilated area. Avoid generating and inhaling mists or vapours.

**Personal Protection:** Wear suitable protective clothing, standard duty gloves (AS2161), safety glasses with side shields (AS/NZ1446). Wash thoroughly immediately after handling. Wash contaminated clothing and other protective equipment before storage or re-use.  
If there is a risk of inhalation of dust and/or liquid mist (bioaerosols), wear a suitable particulate respirator meeting the requirements of AS/NZ 1715 and AS/NZ 1716.

### Section 9 - PHYSICAL and CHEMICAL PROPERTIES

**Appearance:** Dark granular with musty odour.  
**Boiling/Melting Point:** N/A  
**Vapour Pressure:** N/A  
**Specific Gravity:** 0.675 – 0.75 tonne/m<sup>3</sup>  
**Flash Point:** Not Relevant  
**Flammability Limits:** Will smoulder at 250°C  
**Solubility in Water:** Not soluble

### Section 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of use.

**Conditions to avoid:** Store away from food stuffs. Do not store with other chemical agents.

**Hazardous Decomposition Products:** Oxides of carbon, nitrogen and noxious smoke.

### Section 11 - TOXICOLOGICAL INFORMATION

No toxicological information is available for this product.  
People particularly at risk are those suffering from asthma, and whose immune defence systems are compromised should avoid handling this product.

### Section 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Avoid contaminating waterways.

### Section 13 - DISPOSAL CONSIDERATIONS

**Disposal Methods:** Refer to local government authority for disposal recommendations.

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### Section 14 - TRANSPORT INFORMATION

No special requirements or regulations apply.

**UN Number:** None allocated  
**DG Class:** None allocated  
**Hazchem Code:** None allocated

### Section 15 - REGULATORY INFORMATION

Not applicable.

### Section 16 - OTHER INFORMATION

This MSDS summarises to the best of our knowledge the health and safety hazard information on the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact this company.

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