BAILEYS FERTILISERS
AKC Pty Ltd trading as
A.B.N: 30 008 747 911

SAFETY DATA SHEET

PRODUCT NAME: Bailey's SOIL IMPROVER PLUS

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier: Baileys Fertilisers
Other Name(s): Soil Improver Plus
Product Code(s): F8423, SU4050, SU4050A
Recommended use: Plant growing media
Address: PO Box 261
Rockingham
Western Australia 6968
Telephone: (08) 9439 1688 (Mon – Fri: 8.00am – 5.00pm)
Emergency Contact: W.A. Poisons Information Centre on 131126
Facsimile: (08) 9439 1068
Email: baileys@baileysfertiliser.com.au
Website: baileysfertiliser.com.au

2. HAZARD IDENTIFICATION

Not classified as hazardous according to Australian GHS classification. Not classified as Dangerous Goods according to the Australian Dangerous Goods Code

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Other name	CAS Number	Contents % w/w
Composted wood products		None allocated	10-60%
Composted organic products		None allocated	10-60%
Attapulgite		12174-11-7	<10%
Wetting Agent		9003-11-6	<10%

4. FIRST AID MEASURES

1/. Eye Contact: Irrigate immediately with cold running water and if irritation persists seek medical attention. Remove of contact lenses after an eye injury should only be undertaken by skilled personnel.
2/. Skin Contact: Wash with soap and water. Seek Medical attention in event of irritation.
3/. Inhalation: Remove from exposure and if irritation persists seek medical attention.
4/. Ingestion: Rinse and wash mouth with water. Seek medical attention if abdominal symptoms occur.
5/. First Aid Treatment and note to physician: May contain microorganisms, treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable.
Extinguishing Media: Dry powder, foam and carbon dioxide extinguisher. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) if necessary
Hazchem Code: Not applicable.

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6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Wear appropriate protective clothing carefully sweep up and shovel into suitable containers for reuse/recycle or disposal at an approved waste disposal site.

7. HANDLING AND STORAGE

Safe Handling: Wear appropriate PPE (refer to section 8). Use in a well ventilated area and manage dust levels. Do not consume food or drink, or smoke, while handling. Wash hands with soap and water after handling

Storage and Transport: Store in a cool, dry, well-ventilated areas. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standard: Time Weighted Average (TWA): 10 mg/m^3
Short Term Exposure Limits (STEL): Not set.

Biological Limit Values: No biological limit allocated.

Engineering Controls: Use only in a well ventilated area and manage dust levels.

Personal Protective Equipment: Wear gloves. In dusty conditions, use a class P1 respirator and protective eyewear.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Brown to black blend of wood and organic materials.
- **Density:** Approximately 0.52g/cm^3.
- **Odour:** Mild organic odour.
- **pH:** Approximately 7.8 (2:3 solution in distilled water).
- **Boiling Point:** Not applicable.
- **Melting Point:** Not applicable.
- **Vapour pressure:** Not applicable.
- **Flash point:** Not flammable.
- **Flammability limits:** Not flammable. May combust when dry.
- **Solubility in water:** Mostly insoluble in water.
- **Other:** None.

10. STABILITY AND REACTIVITY

Chemical Stability: Material is stable under normal storage and handling conditions.

Conditions to avoid: Extreme heat.

Incompatible materials: Incompatible with oxidizing agents, acids, chlorates and nitrates.

Decomposition products: May evolve toxic nitrogen oxides and ammonia when heated to decomposition.

Hazardous reactions: Hazardous polymerisation reactions will not occur.

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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: Swallowing may result in irritation of the gastrointestinal tract.

Eye contact: Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Skin contact: Repeated or prolonged skin contact may lead to irritation.

Inhalation: Breathing in dust may result in respiratory irritation. Prolonged exposure may lead to hay fever, asthma or pneumonia-like illnesses (e.g. Legionnaires disease).

Long Term Effects: No information available for the product.

Carcinogenicity: Not classified as a carcinogen.

Mutagenic Data: Not classified as a mutagen.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways, as these nutrients in water sources may cause excessive algal growth.

Persistence and degradability: This product contains fertilizer.

Mobility: Fertiliser nutrients are soluble and will leach in soil and disperse in water.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of product and packaging in accordance with local regulations to an approved landfill site. Do not incinerate.

14. TRANSPORT INFORMATION

UN Number:	None Allocated	**UN Proper Shipping Name:**	None Allocated	**Class and Subsidiary Risk(s):**	None Allocated
Packing Group:	None Allocated	**Special precautions for user:**	None Allocated	**Hazchem code:**	None Allocated

15. REGULATORY INFORMATION

AICS All chemicals listed on the Australian Inventory of Chemical Substances (ACIS).

16. OTHER INFORMATION

Baileys Fertilisers has taken all due care to provide accurate and up-to-date information but does not provide a warranty concerning this information. It is the users' responsibility to assess the circumstances of use and assess the risks in any given situation.