

**Material Safety Data Sheet**

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**Description / Properties**

**Product Name:** Sassy Frass  
(Black Soldier Fly Frass)

**Product Use:** Insect frass, used as a horticultural soil improver.

**Appearance:** Dark brown, earth like mix of organic materials.  
**Odour:** Earthy odour

**Hazards Classification:** Not classified as hazardous.

**Other:** Certified Organic by NASAA (Cert No. 6327M)

**Boiling Point:** Not applicable  
**Melting Point:** Not applicable  
**Vapour Pressure:** Not applicable  
**Specific Gravity:** Not available  
**Flash Point:** Not combustible  
**Flammability:** Not flammable  
**Bulk Density:** Not available  
**Solubility:** Insoluble  
**Chemical Stability:** Stable  
**pH:** 6 - 7 (in aqueous slurry)

**Health Hazard Information**

**Caution:** Compost dust and liquid mist (bio-aerosols) are recognised to be a potential health hazard.

This material contains a variety of living organisms, including bacteria, fungi and protozoa.

## Health Hazard Information - continued from page 1

**Acute Health Effects:**

Swallowed.	Swallowing can result in abdominal discomfort. There is an increased risk of gastro-intestinal infections.
Eye Contact:	Dust and/or liquid mist (bio-aerosols) can cause eye redness, watering or eye infection.
Skin Contact:	Contact with skin may cause irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.
Inhaled:	Inhalation may cause irritation, inflammation or sensitisation or infection of nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis.

**Chronic Health Effects:**

Repeated inhalation of dust and/or liquid mists (bio-aerosols) from this product may cause skin irritation or infection, respiratory irritation, inflammation or sensitisation resulting in illness ranging from hay fever and asthma to pneumonia and pneumonia-like illness (eg. Legionnaire's disease). The elderly, those with pre-existing respiratory diseases, and the immune compromised are at particular risk from these illnesses. All people working with these and other landscaping and horticultural products should ensure that they are adequately protected from tetanus.

**Emergency and First Aid Procedures**

Special Fire fighting Procedures: None.

**Poisons Information Centre: 13 11 26**

Swallowed: Wash mouth out with water. Give water to drink. If abdominal symptoms develop, seek medical attention.

Eye: If contact with the eye(s) occurs, gently brush the product away. Flush the eye with copious amounts of water taking care not to rinse contaminated water into the non-affected eye. If irritation becomes painful or lasts more than a few minutes, seek medical attention.

Emergency and First Aid Procedures - continued from page 2

Skin:	Wash skin gently and thoroughly with water and non-abrasive soap. If symptoms develop seek medical attention.
Inhaled:	Remove to fresh air. Have victim blow nose to remove excess dust. Ensure airways are clear. Seek medical attention if symptoms persist.
First Aid Facilities:	Eye wash and normal washroom facilities.
Advice to Doctor:	Treat symptomatically.

### Precautions for Use

Exposure Limits:	There are no exposure limits available (General dust recommended exposure standard should be less than 10mg/m <sup>3</sup> ).
Engineering Controls:	Natural ventilation should be adequate under normal use conditions. All work with this product should be carried out with precautions to avoid skin and eye contact and minimize exposure to dust. (Keep product damp while handling.) If there is a risk of inhalation of dust and/or liquid mist (bio-aerosols) wear a suitable particulate respirator meeting the requirements of AS/ANZ1715 and AS/NZS1716.
Eye Protection:	The use of safety glasses with side shield protection or chemical goggles which comply with AS/NZ1336 is recommended.
Hand Protection:	Wearing standard duty or rubber gloves (AS2161) is recommended.
Avoid contact with eyes and skin.	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash contaminated clothing and other protective equipment before storage or re-use.

## Safe Handling Information

Handling:	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using toilet facilities.
Spilled Material:	Sweep or shovel up spilled material. Seal all waste in labelled containers for subsequent re-use/recycling or disposal, in accordance with local authority guidelines.
Storage and Transport:	Not classified as a Dangerous Good. Store in a cool, dry, well-ventilated area out of direct sunlight. Avoid generation of dust.
<b>Other Information:</b>	<b>Seek immediate medical advice if any unexplained illness with fever, cough or other infection occurs after gardening.</b>

Important Notice: This Material Safety Data Sheet (MSDS) is issued by The Green Life Soil Co in accordance with Worksafe Australia guidelines. The information contained therein is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation. No responsibility can be accepted by us for error or omissions. Since we cannot anticipate or control the many different conditions under which this information and our product may be used, each user should review these recommendations in the specific context of the intended application and undertake your own risk assessment in relation to your method of handling and proposed use of this product. The Green Life Soil Co accepts no liability whatsoever for damage or injury caused from the use of this information or of suggestions contained therein.

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