

Material Safety Data Sheet Earth's Own Activator

Important Notice: This material data sheet (MSDS) is issued by Earth's Own Organic Solutions Pty Ltd in accordance with Worksafe Australia Guidelines. As such, the information contained herein must not be altered, deleted or added to. Earth's Own Organic Solutions Pty Ltd will issue a new MSDS when there is a change in product specifications and / or Worksafe Australia guidelines/ regulations. Earth's Own Organic Solutions will not take responsibility for any changes made to it's MSDS in content by any other person or organisation.

Identification

Product Names:	Earth's Own Activator
Other Names:	Organic composting Activator
UN Numbers:	none allocated
Dangerous goods class:	none allocated
Subsidiary risk:	none allocated
Hazchem code:	none allocated
Poisons schedule number:	none allocated
Use:	

Earth's Own Activator is used as inoculant into bio-mass in thermal composting process to produce organic Bio-fertiliser

Physical Description/ Properties:

Appearance :	Loose, friable with high humus content Dark brown to black in colour.
Odour:	Earthy and ammoniac

Boiling Point:	Not applicable.
Melting Point:	No data.
Vapour pressure:	Not applicable.
Specific Gravity (water-1): composition and moisture content	Varies according to
Molecular weight:	Not applicable
Water Solubility:	Not soluble.
pH:	Expected to be neutral.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Auto ignition temp: burn.	Not applicable – does not

Ingredients

organic materials are made by blending naturally occurring materials including: plant mulch and green wastes, sawdust, animal manure, mushroom composts and rock flour. The materials contain a variety of living micro-organisms, including bacteria, fungi and protozoa.

Health Hazard Information

Acute Health Effects:

Swallowed: Unlikely under normal conditions. Swallowing organic fertiliser, compost and potting mixes may cause abdominal discomfort and increase the risk of gastro-intestinal infections.

Eye: The dust and/ or mist (bio- aerosols) may be irritating to the eyes resulting in redness and watering, or eye infection.

Skin: Skin contact with these products and their dusts and / or mists (bio-aerosols) may result in skin irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.

Inhaled: Inhalation of dust and/ or mists (bio-aerosols) may irritate, inflame or sensitise the nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis.

Chronic health effects:

Repeated inhalation of dust and/or mists (bio-aerosols) from these products may result in respiratory irritation, inflammation or sensitisation resulting in illness ranging from hay fever and asthma to pneumonia-like illnesses. The elderly, those with pre-existing respiratory diseases and the

immunocompromised 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.

First Aid:

Swallowed: Give water to drink. Seek medical attention if any abdominal pain is evident.

Eye: Flush eyes thoroughly for ten minutes with plenty of water. If irritation persists, seek medical attention.

Skin: Wash thoroughly with soap and water.

Inhaled: Move to fresh air.

First-aid facilities: Eye wash station, running water, soap and sink.

Advice to Doctor: Treat symptomatically.

Precautions for Use

Exposure Standards:

Worksafe Australia Exposure Standard: There is no specific standard for organic fertilisers, composts, potting mixes, and other organic gardening materials.

Earth's Own Organic Solutions Pty Ltd Recommendations: Keep exposure to dust and/ or mists (bio-aerosols) from these products as low as practicable.

Engineering Controls: All work with these products should be carried out in such a way as to avoid skin contact and minimise exposure to dust and / or mists (bio-aerosols).

Respiratory Protection: Avoid breathing dust and/ or mists (bio-aerosols). Wear an approved P1 or P2 respirator suitable for respirable particulates and conforming with AS/NZS 1715 and 1716 when exposed to dust and/ or mists (bio-aerosols). These standards should be followed in the selection fit-testing, use, storage and maintenance of the respirators.

Skin Protection: Wear standard duty gloves (AS2161), loose comfortable clothing, and boots, long sleeved shirts and long trousers are recommended if skin irritation occurs. Wash skin with mild soap and water immediately after working with these materials. Launder work clothes regularly.

Eye Protection: Non-fogging dust resistant goggles or safety glasses (AS/ 1336) should be worn if there is a risk of dust and/or mists (bio-aerosols) getting into the eyes.

Flammability: Not flammable

Safe Handling Information

Storage and Transport: No special transport requirements are necessary. Store Earth's Own Activator and other organic gardening materials in a cool dry area.

Spills and Disposal: Keep out of sewer and storm water drains. Waste material can be disposed of as trade waste in accordance with local authority guidelines.

Fire/explosion Hazard: Not applicable.

Smoking: Earth's Own Organic Solutions recommends that all work areas should be non-smoking areas.

Contact Point

Further information may be obtained from Earth's Own Organic Solutions office: Telephone 0417 773 954

Emergency Telephone: Poisons Information Centre: 13 11 26

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