

MATERIAL SAFETY DATA SHEET

STATEMENT OF HAZARDOUS NATURE

SPROUT Microbial Soil Conditioner is not classified as hazardous according to the criteria of NOHSC.

COMPANY DETAILS

Company : Aligned International Services Corporation
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Other Info : This MSDS summarizes to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

IDENTIFICATION

Product Name : SPROUT Microbial Soil Conditioner
Other Names : SSC, Soil Conditioner, Soil Amendment
UN Number : None Allocated
DG Class : None Allocated
Packing Group : None Allocated
Hazchem Code : None Allocated
Poisons Schedule No : None Allocated
Product Use : Fertilizer.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance : Dark liquid
Boiling Point : Approx 100°C
Melting Point : N/A
Vapour Pressure : NOT AVAILABLE
Specific Gravity : 1.2
Flash Point : NOT AVAILABLE
Solubility in Water : Soluble in all proportions.

OTHER PROPERTIES

Volatile component : None
Vapour Density : Not known.
pH Value : 3.6
Odour : Gravy smell
Viscosity : Low
Form : Liquid
Materials to Avoid : Keep sealed and avoid contact with water and air to prevent shortening of shelf life.

INGREDIENTS

<i>Chemical Name</i>	<i>CAS Number</i>	<i>Proportion</i>
Water	7732-18-5	0.5 - 1.0%
Sugar Cane Molasses		99 - 99.5%
Additives		0.0 - 0.1%

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

- Acute - Swallowed** : Practically non-harmful. May cause gastric irritation.
- Acute - Eye** : A mild eye irritant. May cause watering of eyes. May cause soreness
- Acute - Skin** : Repeated or prolonged skin contact may lead to irritation.
- Acute - Inhaled** : Inhalation may be harmful. The vapour may be an irritant to the mucous membranes and respiratory tract.
- Chronic** : May cause allergic response.
- Other information** : N/A

FIRST AID

- Swallowed** : Give plenty of water to drink. Do not induce vomiting. Seek medical attention.
- Eye** : Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.
- Skin** : Wash affected areas with copious quantities of water immediately. If irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.
- Inhaled** : Remove victim from exposure to fresh air. Avoid becoming a casualty. Recovery should be rapid after removal from exposure. Seek medical attention.
- First Aid Facilities** : Ensure eye wash station and safety shower are readily available.

ADVICE TO DOCTOR

- Treatment** : Treat symptomatically.

ADDITIONAL HEALTH HAZARD INFORMATION

Medical Conditions

- **Asthma** : May be aggravated by exposure.

PRECAUTIONS FOR USE

- Other Exposure Info** : The product (wet) odour may cause discomfort under the influence of elevated temperatures or in confined areas.
The use of a solvent vapour mask under these circumstances may be advisable.
- Eng. Controls** : Use in a well ventilated area only. Keep containers in a sufficiently well ventilated area to prevent inhaling of vapour. Local exhaust ventilation system may be required.
Provide ventilation for 24 hours after use.

PERSONAL PROTECTION

- Respirator Type** : If inhalation risk exists, wear organic vapour respirator meeting the (AS1716) requirements of AS/NZS 1715 and AS/NZS 1716.
- Eye Protection** : Safety glasses, goggles or face shield as appropriate
- Glove type** : PVC or rubber gloves.
- Clothing** : Wear overalls to minimise contamination of personal clothing.
Launder overalls and undergarments regularly.
- Footwear** : Enclosed footwear.
- Work/Hygienic Practices** : Wash hands after use and before eating, drinking, smoking or using the toilet.

FLAMMABILITY

- Fire Hazards** : Non flammable. Product residue, following evaporation of liquid content may burn in the presence of an ignition source.

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SAFE HANDLING INFORMATION

STORAGE & TRANSPORT

- Storage Precautions** : Store in a cool, dry place (8 - 40°C) and protect from freezing.
Store and transport in original containers where possible.
- Proper Shipping Name** : Non allocated.

SPILLS AND DISPOSAL

- Large spill** : Wear appropriate protective clothing. Isolate leaking containers and stop leak if safe to do so. Contain in a bund using sand and earth to prevent runoff. Use a scoop to recover as much material as possible for reuse. Discard unrecoverable material at approved land waste site.
- Small spill** : Wipe up residue with a cloth and dispose of in a waste bin.

FIRE/EXPLOSION HAZARD

- Fire/Explosion Hazard**: Low hazard heating can cause expansion or decomposition leading to rupture of containers.
- Extinguishing Media** : Extinguish the fire using (CO₂), dry chemical or foam.
- Breathing Apparatus** : Use self contained breathing apparatus if risk of exposure to burning containers.
- Hazardous Reaction** : CONDITIONS TO AVOID: None.
INCOMPATIBLE MATERIALS: Not known.
HAZARDOUS POLYMERISATION : Will not occur.
- Hazchem Code** : None allocated.

OTHER INFORMATION

- Toxicology** : No data supplied
- Ecological Effects** : Avoid contact with plant life in undiluted form.
- Pkg & Labelling** : N/A

CONTACT POINT

- Contact** : Aligned International Services Corporation
- Telephone** : +66 (0)85 112 4467

The information herein is given in good faith, no warranty expressed or implied is made.
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