

MATERIAL SAFETY DATA SHEET

EM • 1 Microbial Inoculant : Soil Amendment

PREPARED: 14 January 2009
PRODUCT NAME: EM Soil Conditioner
PRODUCED BY: Jamof Sdn Bhd
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SECTION I – PRODUCT IDENTIFICATION

GENERAL OR GENERIC NAME: Liquid Soil conditioner
HAZARD RATING: **HEALTH:** 0 Normal Material
 FIRE: 0 Will not burn
 REACTIVITY: 0 Stable

SECTION II – HAZARDOUS INGREDIENTS

If present, carcinogens and chemicals subject to reporting are identified in this section:

<u>INGREDIENTS</u>	<u>%(By Volume)</u>	<u>Note</u>
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No hazardous ingredients present; not hazardous to humans, animals or plants.

SECTION III – PHYSICAL DATA

BOILING POINT:	>100 °C	SPECIFIC GRAVITY:	1.2(25°C)
VAPOR PRESSURE:	N/D	SOLUBILITY IN WATER:	Complete
VAPOR DENSITY:	Air=1	MELTING POINT:	N/A
% VOLATILE BY VOLUME:	0	EVAPORATION RATE:	Equal to water
APPEARANCE AND ODOR:	Brown liquid; mild	pH OF SOLUTION:	3.5

SECTION IV – FIRE AND EXPLOSION INFORMATION

FLASH POINT:	N/A	HAZARDOUS DECOMPOSITION BYPRODUCTS:	None
EXPLOSION LIMIT:	0	FIRE FIGHTING PROCEDURES:	N/A
EXTINGUISHING:	N/A	SPECIAL FIRE & EXPLOSION HAZARDS:	None

SECTION V – HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: None; see Section II
HEALTH HAZARDS: None
CARCINOGENICITY: Non-carcinogenic
EFFECTS OF CHRONIC OVEREXPOSURE: None
PRIMARY ROUTES OF ENTRY: Skin contact, Eye contact, Ingestion, Inhalation

SIGNS AND SYMPTOMS OF EXPOSURE:

SKIN: None
EYES: May cause eye irritation
INHALATION: None
INGESTION: May cause gas

FIRST AID:

IF ON SKIN: None
IF ON EYES: Flush with fresh water
IF INHALED: None
IF INGESTED: Drink fresh water

SECTION VI – REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur
STABILITY: Stable, not effect by freezing. No toxic fumes.
INCOMPATIBILITY: None
**HAZARDOUS DECOMPOSITION
OR BYPRODUCTS:** None; biodegradable

SECTION VII – SPILL OR LEAK PROCEDURES

IN CASE OF LEAK OR SPILL: Mop up with fresh water, sewer disposal
WASTE DISPOSAL METHOD: Sewer disposal
HANDLING AND STORING PRECAUTIONS: Store at room temperature
OTHER PRECAUTIONS: Not recommended for human consumption

SECTION VIII – PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: None
VENTILATION: None
PROTECTIVE GLOVES: Optional
EYE PROTECTION: Safety glasses recommended
PROTECTIVE CLOTHING: None
WORK PRACTICES: Clean up spill immediately; floor will be slick