

TeraGanix, Inc

MATERIAL SAFETY DATA SHEET

EM•1® Microbial Inoculant: Compost Activator

PREPARED: 01/01/10
PRODUCT NAME: EM•1® Microbial Inoculant Compost Activator
PRODUCED BY: EMRO USA, Inc.
2440 N Coyote Dr., Suite 126
Tucson, AZ
Phone: (520) 792.3143 Fax: (520) 844.1902

SECTION I - PRODUCT IDENTIFICATION

GENERAL OR GENERIC NAME: Liquid Microbial Inoculant

HAZARD RATING: HEALTH: 0 Normal Material
FIRE: 0 Will not burn
REACTIVITY: 0 Stable

SECTION II - INGREDIENTS

No hazardous ingredients present. Not hazardous to humans, animals or plants.
Contains all non-GMO ingredients approved for use under the USDA National Organic Program (NOP).

INGREDIENTS	%(By Volume)	Note
Water	96%	
Molasses	3%	
Microorganisms	1%	(<i>Lactobacillus casei</i> , <i>Lactobacillus plantarum</i> , <i>Lactobacillus delbrueckii</i> , <i>Bacillus subtilis</i> , <i>Saccharomyces cerevisiae</i> , <i>Rhodopseudomonas palustris</i>)

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 affected by freezing. No toxic fumes.
INCOMPATIBILITY: None
HAZARDOUS DECOMPOSITION
OR BYPRODUCTS: Biodegradable, all natural organic ingredients, Non-GMO

SECTION VII - SPILL OR LEAK PROCEDURES
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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 (55-80 F)
OTHER PRECAUTIONS: May cause gas if ingested

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED
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RESPIRATORY PROTECTION: None
VENTILATION: None
PROTECTIVE GLOVES: Optional
EYE PROTECTION: Safety glasses recommended
PROTECTIVE CLOTHING: None
WORK PRACTICES: Clean up spills immediately; floor will be slick