

MATERIAL SAFETY DATA SHEET - ET'S Municipal Lagoon Treatment

Section 1 - Chemical Product & Company Identification

Trade Name:	ET'S Municipal Lagoon Treatment	MAY. 2009
Synonyms:	Bacterial Products	
Product Description:	Waste water treatment and drain cleaner	
Manufacturer's Name:	Enviro-Tech of America, Inc	
Address:	1907 SW 47th Street, Cape Coral, FL 33914	
For Technical Support:	239-997-6300	

Section 2 - Composition / Information on Ingredients

Components not listed are either non hazardous or in concentration of less than 1%
Bacterial Cultures
Blend of naturally occurring ingredients as a carrier including: corn, wheat bran and kelp

Section 3 - Physical and Chemical Properties

Solubility in water:	Not soluble. Disperses in water.
Appearance and Odor:	Brown powder, free flowing with a yeast like odor
Relative Density:	0.6 to 0.8
pH:	Neutral 6.0 - 7.0 in water dispersion
Flammability:	Not flammable under normal conditions of storage + handling
Flash Point:	Not Applicable
Explosive Limits:	N/A except in presence of large dust cloud

Section 4 - Fire Fighting Measures

Suitable Extinguishers:	Water
Hazardous Combustion Products:	None in normal use. Large dust accumulations can be explosive. Contains substance that may release oxygen to a fire
Special Equipment for Fire Fighting:	self contained breathing apparatus

Section 5 - Accidental Release Measures

Personal Precautions:	Wear appropriate PPE - See Section 10
Environmental Precautions:	The bacteria and carriers should not pose risk
Clean Up Procedures:	Vacuum or sweep up avoiding generation of dust. Place in suitable labelled containers and hold for waste disposal. Wash spill site with water. If bacterial contamination is an issue use chlorine to kill the bacillus spores.

Section 6 - Stability & Reactivity

Stability:	Stable under normal storage and handling conditions.
Conditions to avoid:	Accumulations of product in enclosed spaces and generation of dust
Materials to avoid:	Acids and Alkalies may inactivate the bacterial cultures
Hazardous decomposition products:	oxides of carbon and sulphur

Section 7 - Handling & Storage

Handling:	Ventilation:	Good general ventilation
	Recommended procedures & equipment:	Avoid creating dust
Storage:	Temperature Range:	0 deg C to 40 deg C for product viability only
	Humidity Range:	Less than 40% for long term exposure of unprotected product
	Suitable Storage Media:	Original container with closed lid
	Precautions against static discharge:	Recommended

Section 8 - Health Hazard Information

Immediate Treatment / Antidote:	Symptomatic treatment
Delayed Effects:	Bacterial Infection
Symptoms:	
Eye Contact:	Same as dust
Skin Contact:	Redness and irritation
Ingestion:	Irritation of gastrointestinal tract, nausea, and diarrhea
Inhalation:	Same as exposure to dust
Treatment:	
Eye Contact:	Irrigate thoroughly with water for at least 10 min. Obtain medical attention
Skin Contact:	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention
Ingestion:	Wash out mouth with water. Do not induce vomiting. If patient is conscious give water to drink. If patient feels unwell seek medical attention
Inhalation:	Remove from exposure, rest and keep warm. In severe cases seek medical attention

Section 9 - Disposal Considerations

Substance:	Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.
Container:	as substance

Section 10 - Exposure Controls / Personal Protection

Personal Protective Equipment:	
Respiratory:	Dust mask
Hand:	Wash hands after use. Gloves recommended
Eye:	Safety glasses or goggles recommended
Skin:	Wash after exposure. Overalls and boots recommended
Environmental controls:	Users should be aware of environmental considerations and their duties under the environmental protection act
Hygiene measures:	Always wash thoroughly after handling chemicals

Section 11 - Toxicological and Ecological Information

Toxicological Effects:	Low acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction
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Environmental Effects:	Minimal impact under normal conditions of use & storage. The bacterial cultures are naturally occurring soil type organisms. The carriers are naturally occurring materials.
Mobility:	Disperses in water
Degradability:	Contents are biodegradable
Bioaccumulative potential:	Not known
Aquatic Toxicity:	Not known

Section 12 - Other Information

This material must not be used for direct contact with food.
Further details may be available upon request from your local distribution site.
Other: the product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.

Section 13 - Disclaimer

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