

MATERIAL SAFETY DATA SHEET

TM Agricultural

FILE NO.: M/GL/TM-AG
ISSUE DATE: Oct / 07 / 2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TM Agricultural
SYNONYMS: NIL
PRODUCT CODE: 3105.90.00 00

MANUFACTURER: BEST ENVIRONMENTAL TECHNOLOGIES., CANADA
DIVISION: 9610, 39 Avenue,
ADDRESS: Edmonton, Canada, Alberta, T6E 5T9

EMERGENCY PHONE: 1-888-392-4021
CHEMTREC PHONE:
OTHER CALLS: 1-780-469-9066
FAX PHONE: 1-780-469-9088

CHEMICAL NAME: Nil
CHEMICAL FAMILY: Nil
CHEMICAL FORMULA: Nil

PRODUCT USE: Agricultural application to soil and crops
PREPARED BY: BEST ENVIRONMENTAL TECHNOLOGIES Inc., Canada

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

TM Agricultural is a light cream colored liquid with a faint pungent smell of vinegar containing different amounts of macro and micro-nutrients water extracted from organic sources and plant materials.

The composition of the finished product (% or ppm) is as below:

1	Nitrogen	61.4	(ppm)
2	Phosphorous	43.8	(ppm)
3	Potassium	1280.0	(ppm)
4	Calcium	73.0	(ppm)
5	Magnesium	51.7	(ppm)
6	Sodium	273.0	(ppm)
7	Sulphur	186.0	(ppm)

The product is classified as non hazardous under OSHA regulations

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Caution, may irritate skin or eyes.
Primary routes of entry: Skin or eye contact from splashes.

Hazard Symbol: none

Potential Health Effects:

- Signs and Symptoms of Acute Overexposure: NDA.
- Signs and Symptoms of Chronic Overexposure: NDA.
- Medical Conditions Generally Aggravated by Over Exposure: None known.

ROUTES OF ENTRY:

POTENTIAL HEALTH EFFECTS

EYES: Slightly irritating.

SKIN: Non-corrosive or irritating to normal skin.

INGESTION: Not found to be toxic by oral exposure. May cause mild irritation of the digestive track if ingested. Nausea, vomiting, diarrhea and transient disorientation may occur in the event of a large quantity has been ingested.

INHALATION: Not expected to be toxic by inhalation.

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS: None

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CARCINOGENICITY
OSHA: N/A ACGIH: N/A NTP: N/A IARC: N/A

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with water for 15 minutes. Get medical attention.

SKIN: Wash skin with water and soap. Remove contaminated clothing and launder before reuse.

INGESTION: Drink plenty of water if more than a mouthful is accidentally ingested. Get prompt medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically and supportively.

SECTION 5: FIRE-FIGHTING MEASURES

FIRE FIGHTING MEASURES : Product does not support combustion

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Use caution as product may be slippery at full strength. Keep product out of sewage and drainage systems. Ventilate area of leak and spill as soon as possible.

SECTION 6 NOTES:

NEUTRALIZING CHEMICALS : Not applicable

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Handle opened containers carefully. Wash hands after contact. Do not store the product in metal containers especially brass, bronze., etc and other alloys Store containers in cool dry and ventilated place. Keep containers closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None

VENTILATION : None

RESPIRATORY PROTECTION: No special protection equipment required.

EYE PROTECTION: No special protection equipment required.

SKIN PROTECTION: No special protection equipment required.

SECTION 8 NOTES: No special precautions or equipment are required when handling. However, preferred to keep the product away from eyes and skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid product and is amber to light dark brown in colour.

ODOR: Slightly pungent.

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 5.35

pH (Other):

BOILING POINT: As water

MELTING POINT: N/A

FREEZING POINT: As water

VAPOR PRESSURE (mmHg):

VAPOR DENSITY (AIR = 1):

SPECIFIC GRAVITY (H2O = 1): Near water

EVAPORATION RATE: Close to water

BASIS (=1):

SOLUBILITY IN WATER: Easily miscible in water

PERCENT SOLIDS BY WEIGHT: Not determined

MOLECULAR WEIGHT: Not determined

VISCOSITY: Slightly more viscous than water

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SECTION 10: STABILITY AND REACTIVITY

	<u>STABLE</u>	<u>UNSTABLE</u>
STABILITY:	Stable	-N/A-
CONDITIONS TO AVOID (STABILITY):	None	
INCOMPATIBILITY (MATERIAL TO AVOID):	None	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	None	
HAZARDOUS POLYMERIZATION:	None	

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Non toxic

SECTION 11 NOTES: Irritating to eyes and can cause irritation to skin for certain individuals

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: The product would not harm the established ecosystem. However, because the product contains nutrients which can cause rapid growth of plants and grass.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: The product does not have any hazardous substances and waste material and do not need special precautions to be taken. Dispose of according to local, provincial and federal laws and follow standard disposal procedures.

RCRA HAZARD CLASS: None of the ingredients are listed under any sections of the Federal Resource Conservation and Recovery Act (RCRA)

SECTION 14: TRANSPORT INFORMATION

This product does not contain any material listed as a hazardous material by the Transport Canada, U.S. Department of Transport, International maritime Organization and United Nations.

SECTION 14 NOTES: Can be transported safely by road, rail and air transportation by using the standard transportation safety procedures.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not Applicable

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Applicable

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Applicable

311/312 HAZARD CATEGORIES: Not Applicable

313 REPORTABLE INGREDIENTS: Not Applicable

STATE REGULATIONS: Not Applicable

INTERNATIONAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None