

# MATERIAL SAFETY DATA SHEET

## HEAVY HARVEST MICRO

REF.: NHHM2014  
ISSUE DATE: May 26, 2015

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** HEAVY HARVEST MICRO  
**SYNONYMS:** NIL  
**PRODUCT CODE:** 3105.20.00 00

**MANUFACTURER:** NUTRILIFE PLANT PRODUCTS  
**ADDRESS:** #102 26730 – 56<sup>TH</sup> AVENUE  
ALDERGROVE, BC CANADA V4W 3X5

**EMERGENCY PHONE:** 1-613-996-6666  
**CHEMTREC PHONE:**  
**OTHER CALLS:** 1-604-856-6152  
**FAX PHONE:** 1-604-856-6154

**CHEMICAL FAMILY:** Specialty fertilizer

**PRODUCT USE:** Horticulture  
**PREPARED BY:** NUTRILIFE PLANT PRODUCTS

#### SECTION 1 NOTES:

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### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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This product is specialty-formulated fertilizer with micronutrients.

Custom Formulated with the following ingredients:

Ingredient	Amount (% wt./wt.)
Total Nitrogen (N)	1.0
Total Phosphorous (P <sub>2</sub> O <sub>5</sub> )	2.0
Total Potassium (K <sub>2</sub> O)	5.0
Potassium Phosphate	CAS# 7778-77-0
Potassium Nitrate	CAS# 7757-79-1
Magnesium Sulfate	CAS# 7487-88-9
Iron Chelate	CAS# 12389-75-2

The product is classified as non-hazardous under OSHA regulations

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### SECTION 3: HAZARDS IDENTIFICATION

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**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:** 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. May 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. Get prompt medical attention.

**INHALATION:** Inhalation of dust may cause breathing problems. Use protective mask while handling large quantities. Get medical attention if inhaled.

**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

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### SECTION 4: FIRST AID MEASURES

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**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

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**FIRE FIGHTING MEASURES:**                      Product does not support combustion

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** 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

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### SECTION 7: HANDLING AND STORAGE

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**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 dry place. Keep containers closed when not in use.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:**                      None

**VENTILATION:**                                      Provide good room ventilation.

**RESPIRATORY PROTECTION:**                      No special protection equipment required.

**EYE PROTECTION:**                                      Sufficient to avoid contact with eyes.

**SKIN PROTECTION:**                                      Sufficient to avoid contact with skin.

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

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:**                                      Liquid and dark yellow.

**ODOR:**    No odor.

**PHYSICAL STATE:**                                      Liquid

**pH AS SUPPLIED:**                                      7.0

**pH (Other):**

**BOILING POINT:**                                      As water

**MELTING POINT:**                                      N/A

**FREEZING POINT:**                                      As water

**VAPOR PRESSURE (mmHg):**

**VAPOR DENSITY (AIR = 1):**

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):**                      Slightly more than water (1.2)

**EVAPORATION RATE:**                                      N/A

**BASIS (=1):**

**SOLUBILITY IN WATER:**                                      Easily miscible in water

**MOLECULAR WEIGHT:**                                      Not determined

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VISCOSITY: As water

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### SECTION 10: STABILITY AND REACTIVITY

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	<u>STABLE</u>	<u>UNSTABLE</u>
STABILITY:	Stable	-N/A-
CONDITIONS TO AVOID (STABILITY):	None	
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong oxidizers or reducers.	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	When heated to decomposition, can emit toxic fumes of nitrogen oxide, oxides of sulfur and the contained metals.	
HAZARDOUS POLYMERIZATION:	None	

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### SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: Non toxic

SECTION 11 NOTES: Irritating to eyes and can cause irritation to skin.

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### SECTION 12: ECOLOGICAL INFORMATION

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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.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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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)

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### SECTION 14: TRANSPORT INFORMATION

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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.

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### SECTION 15: REGULATORY INFORMATION

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HAZARD CATEGORIES: Not Applicable

REPORTABLE INGREDIENTS: None

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### SECTION 16: OTHER INFORMATION

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Users are required to observe the recommendation provided in this document in order to avoid risks. Nutrilife Plant Products provides the above information in good faith based on data to be considered accurate. However, no warranty is expressed or implied regarding the accuracy of data obtained or the results to be obtained from use thereof.

Revised on May 27, 2015  
Reason for change: standardization