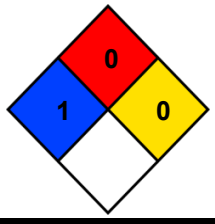
REV F 2/3/2026

SAFETY DATA SHEET
MICROHUMIC® OM



HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PPE	E

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER:	**MICROHUMIC® OM**	**Product #646**
GENERAL USE:	Used as a part of a plant nutrition program.	
PRODUCT DESCRIPTION:	A dark reddish brown to black particles/dust having no odor.	

SUPPLIER INFORMATION:

Huma®, Inc.
1331 W Houston Avenue
Gilbert, AZ 85233

For Additional SDS call:
(480) 961-1220

PHONE: (480) 961-1220

EMERGENCY PHONE NUMBERS

CHEMTREC: (In the USA) 800-424-9300
(International) 703-527-3887

SECTION 2: HAZARDS IDENTIFICATION

HAZARDS OVERVIEW:

A dark reddish brown to black particles/dust having no odor. Ingestion of this product may cause gastrointestinal irritation or pain. Inhalation of dust may cause respiratory irritation.

CLASSIFICATION: MILD SKIN IRRITATION – HAZARD CATEGORY 3
SIGNAL WORD: WARNING
HAZARD STATEMENT: H316 - WARNING - causes mild skin irritation.
PRECAUTIONARY STATEMENT: P332+P317—If skin irritation occurs, get emergency medical help.

CLASSIFICATION: RESPIRATORY TRACT IRRITATION– HAZARD CATEGORY 3
SIGNAL WORD: WARNING
HAZARD STATEMENT: H335; May cause respiratory irritation.
PRECAUTIONARY STATEMENT: P261, P271; Avoid breathing dust. Use only outdoors or in a well-ventilated area. P304+P340, P319; IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell.

CLASSIFICATION: HAZARD CATEGORY 5 - MAY BE HARMFUL IF SWALLOWED
SIGNAL WORD: WARNING
HAZARD STATEMENT: H303 - WARNING – may be harmful if swallowed.
PRECAUTIONARY STATEMENT: P301+P317—If swallowed, get emergency medical help.

SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

				ACGIH		OSHA	
COMPONENT	**CAS #**	**OSHA HAZARD**	**WT %**	**$TLV_{(TWA)}$**	**STEL**	**$PEL_{(TWA)}$**	**STEL**
Humates	1415-93-6	Nuisance dust	100%	None	None	5mg/m3 (respirable)	None

NDA = No Data Available **N/A = Not Applicable**

SECTION 4: FIRST AID MEASURES

INHALATION: If inhaled, immediately move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

EYE CONTACT: In case of contact, immediately flush eyes with plenty of clean running water for at least 15 minutes, lifting the upper and lower lids occasionally. Remove contact lenses, if worn. Get medical attention if irritation persists.

SKIN CONTACT: In case of contact, flush skin with plenty of clean running water. Remove contaminated clothing and shoes and wash before reuse. If irritation occurs and persists, get medical attention.

INGESTION: If swallowed, rinse mouth and slowly drink 1 to 2 glasses of water. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIANS: Treat exposure symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flashpoint and Method: This product does not flash.

Flammable Limits (in air, % by volume) **Lower:** Not applicable **Upper:** Not applicable

Autoignition Temperature: Not applicable

GENERAL HAZARD: The Uniform Fire Code health hazard classification for this product is: **Irritant**.

FIRE FIGHTING INSTRUCTIONS: **EXTINGUISHING MEDIA:** Water, foam, CO_2 or dry chemicals.
Use a water spray or fog to cool the containers exposed to the heat of a fire.

FIRE FIGHTING EQUIPMENT: Fire fighters should wear full protective equipment, including self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: When heated to dryness and decomposition, it emits toxic carbon monoxide, carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

RELEASE TO LAND: This material/product is naturally occurring and if spilled does not pose a risk to the environment.

RELEASE TO WATER: This material/product is naturally occurring and if spilled does not pose a risk to the environment.

SECTION 7: HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient **STORAGE PRESSURE:** Ambient

GENERAL:

Store in a cool, dry, well-ventilated area, away from incompatible materials and products. Avoid breathing dusts. Use with adequate ventilation. Do not take internally. Keep the container tightly closed when not in use. Wash thoroughly after handling this product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL MEASURES: Use a local or general, mechanical exhaust ventilation system capable of maintaining dust emissions, in the work area, above the AIHA WEEL or levels that may cause irritation.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR: Respiratory protection is not normally required. If use produces dusts that may cause irritation, a NIOSH approved half mask or full facepiece respirator equipped with a good mist / particulate cartridge or supplied air is recommended. **Note:** Always consult the respirator manufacturer's data when determining the suitability of respiratory protective devices prior to use.

EYES: Wear safety glasses as needed. **Note:** Always consult the protective eyewear manufacturer's data when determining the suitability of protective eyewear prior to use.

GLOVES: Gloves are not required however if needed use Neoprene, Nitrile, Butyl Rubber or Natural Rubber gloves. **Note:** Always consult the glove manufacturer's permeation data when determining the suitability of gloves prior to use.

CLOTHING & EQUIPMENT: Protective clothing in not required when handling this product. An eye wash station and safety shower should be available in the work area. **Note:** Always consult the clothing/equipment manufacturer's permeation data when determining the suitability of clothing/equipment prior to use.

FOOTWEAR: Wear steel-toed safety shoes as needed. **Note:** Always consult the footwear manufacturer's permeation data when determining the suitability of footwear prior to use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark reddish brown to black	**Bulk Density (pounds/ft³):**	39-40 lb/ft^3
Physical State:	Solid	**Vapor Pressure:**	No data available
Odor:	No odor	**Vapor Density (air=1):**	No data available
Odor Threshold:	No data available	**Evaporation Rate (n-Butyl Acetate=1):**	Not applicable
Molecular Formula:	Mixture	**VOC Content/Organic Matter:**	No data available
Molecular Weight:	Not applicable	**% Volatile:**	Not applicable
Boiling Point:	Not applicable	**Solubility in H_2O:**	Slightly soluble
Freezing/Melting Point:	Not applicable	**Octanol/Water Partition Coefficient:**	No data available
Specific Gravity:	Not applicable	**pH (as is):**	Not applicable
Density (pounds/gallon):	Not applicable	**pH (solution for use):**	Not applicable

SECTION 10: STABILITY AND REACTIVITY

GENERAL: This product is stable and hazardous polymerization will not occur.

CONDITIONS TO AVOID: Avoid creation/accumulation of dust

INCOMPATIBLE MATERIAL: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to dryness and decomposition, toxic oxides of carbon with trace or ultra-trace toxic oxide amounts, of sulfur, potassium, iron, manganese, magnesium, calcium, zinc and sodium.

SENSITIVITY TO MECHANICAL IMPACT: This product is not sensitive to mechanical impact.

SENSITIVITY TO STATIC DISCHARGE: This product is not sensitive to static discharge

SECTION 11: TOXICOLOGICAL INFORMATION

Components:	**Humate**
Eye Contact:	May cause slight irritation
Skin Contact:	May cause slight irritation
Oral Rat LD_{50}:	Non-toxic naturally occurring substance
Dermal Rabbit LD_{50}:	No data available
Inhalation Rat LC_{50}:	No data available
Human Data:	No data available
Other Toxicological Data:	No data available
Carcinogenicity:	No data available
Teratogenicity:	No data available
Mutagenicity:	No data available
Synergistic Products:	None reported
Target Organs:	Skin
Medical Conditions Aggravated By Exposure:	Skin or Respiratory disorders

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

This product is soluble in water and will not affect the pH of water. No specific environmental fate data is available.

ENVIRONMENTAL CONSIDERATIONS:

The aquatic toxicity for this product has not been determined.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: Non-RCRA Hazardous Waste (United States)

U.S. EPA WASTE NUMBER/DESCRIPTION: Not Applicable

If this product is disposed of as shipped, it does not meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of a hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D due to toxicity. As a non-RCRA hazardous liquid waste, it should be disposed of in accordance with all local, state, and federal regulations. Consult state or local officials for proper disposal method.

SECTION 14: TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: **Not DOT Regulated (United States)**

Hazard Class: Not applicable **UN Number:** N/A **Packing Group:** N/A

Primary Label: Not applicable **Subsidiary Label(s):** None Required

Primary/Subsidiary Placards: None Required

DOT Reportable Quantity (RQ): Not Listed **RQ for Product:** Not Applicable

Marine Pollutant: No

2012 North American Emergency Response Guidebook No.: **Not applicable**

TDG PROPER SHIPPING NAME: **NOT RESTRICTED**

Hazard Class: Not applicable **UN Number:** N/A **Packing Group:** N/A

Primary Label: None Required **Subsidiary Label(s):** None Required

Primary/Subsidiary Placards: None required

TDG Reportable Quantity (RQ): * Not applicable

TDG Schedule XII: Not applicable

Regulated Limit (RL): ** Not Listed **RL for Product:** Not Applicable

Other Shipping Information: None

* Canadian Transportation of Dangerous Goods Regulations (TDGR), Part IX, Table I, Quantities or levels for Immediate Reporting: releases of reportable quantities, RQ, that meet the definition of a "dangerous occurrence" (a threat to life, health, property, or the environment) must be reported to the appropriate authorities as outlined in TDGR 9.13(1) and 9.14(1). ** Reporting to Environment Canada is required for any releases exceeding the regulated limits, RL, of 9.2 materials (primary or secondary). The regulated limits are found in Schedule XIII of the TDGR.

SECTION 15: REGULATORY INFORMATION

COMPONENTS: **Humate**

OSHA Target Organs: Eyes and Lungs

Carcinogenic Potential:

Regulated by OSHA:	No
Listed on NTP Report:	No
Listed by IARC:	No
IARC Group:	Not applicable
ACGIH Appendix A:	Not listed
A1 Confirmed Human:	Not applicable
A2 Suspected Human:	Not applicable

U.S. EPA Requirements

Release Reporting

CERCLA (40 CFR 302)

Listed Substance:	Not listed
Reportable Quantity:	Not applicable
Category:	Not applicable
RCRA Waste No.:	Not applicable
Unlisted Substance:	Not applicable
Reportable Quantity:	Not applicable
Characteristic:	Not applicable
RCRA Waste No.:	Not applicable

SARA TITLE III

Section 302 & 303 (40 CFR 355):

Listed Substance:	Not listed
Reportable Quantity:	Not applicable
Planning Threshold:	Not applicable

Section 311 & 312 (40 CFR 370):

Hazard Categories (**product**): **Fire: N** **Sudden Release of Pressure: N** **Reactive: N** **Acute Health: Y** **Chronic Health: N**

Planning threshold: NA

Section 313 (40 CFR 372):

Listed Toxic Chemical:	No
Reporting Threshold:	NA

U.S. TSCA Status

Listed (40 CFR 710): No

State Regulations

State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):

Carcinogen:	No
Reproductive Toxin:	No

Other Regulations

State Right To Know Laws: None Known

Canadian Regulations

Product Information:

Controlled Product:	**No**
WHMIS Hazard Symbols:	**NA**
WHMIS Class & Division:	**NA**

Ingredient Information:

IDL Substance:	No
DSL or NDSL Lists:	None

SECTION 16: OTHER INFORMATION

EPA Registration number: Not applicable

Approved Product Uses: Used as part of a plant nutrition program.

Special Notes:

This product is not manufactured, or formulated to contain substances, which the State of California has found to cause cancer and/or birth defects or other reproductive harm. However, as it contains mined minerals, this product may contain trace (parts per million) or ultra-trace (parts per billion) of elements known to the State of California to cause cancer, birth defects or other reproductive harm.

Special Instructions: Store MICROHUMIC® OM in a cool, dry, well ventilated, area away from incompatible materials and products. Do not add this product to strong oxidizers.

SDS Revision Information: Revised Date: 2/3/2026

SDS Distributed by: Huma® Inc.

Prepared By:	Anna Carpenter	**Date Prepared:**	February 6th 2018

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