

# Material Safety Data Sheet

Date: 05/01/2022

SECTION 1. IDENTIFICATION				
Product Identifier	Genus MC8			
Other Means of Identification	Biofertilizer, biostimulant			
Recommended Use	Agriculture			
Supplier Identifier	NuVia Technologies Inc. Address: Unit 5-85 Chambers Drive. Ajax, ON. L1Z 1E2. Canada. Phone: +1 (416) 307-2611			
Emergency Telephone Number	+1-800- 322 2937 Monday-Friday, 9 am – 5 pm I			
SECTION 2. HAZARD IDENTIFICATION				
Route of Entry	No evidence of adverse effects from available information			
Skin Contact	No evidence of adverse effects from available information			
Skin Absorption	No adverse effects			
Eye Contact	No adverse effects			
Inhalation	No evidence of adverse effects from available information			
Ingestion	No evidence of adverse effects from available information			
Effects of Acute Exposure	This product is not likely to cause any significant acute toxicology effects.			
Effects of Chronic Exposure	No adverse effects anticipated			
Emergency Overview	Grey odorless powder			
Potential Health Effects	No Significant health effects			
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS				
Chemical Name	CAS No.	Concentration	ECNO	EC Class
Genus MC8	-	-	-	Biostimulant
<b>Substance/Mixture:</b> Mixture <b>Ingredients:</b> Classification non-hazardous. Contains Compound Amino Acid Powder Cas No: 65072-01-7 not classified as hazardous.				

Contains Dextrin Yellow Powder Cas No: 9004-53-9 not classified as hazardous.  
 Contains Humic acid Fulvic acid Cas No: 1415-93-6 not classified as hazardous.  
 Contains EDTA Zn, Fe, Mn, Mg Cas No: 14025-21-9 not classified as hazardous.  
**Product description:** Product contains an inert Amino acid and Dextrin powder carrier / base with common soil beneficial microorganisms – never shown to be a causal agent in human illness)

## SECTION 4. FIRST-AID MEASURES

**Inhalation:** Remove person to fresh air. If symptoms of irritation persist, seek medical advice. Inhalation may aggravate respiratory illness.

**Skin Contact:** No adverse effects are expected. May dry mucous and skin. Wash with soap and water.

**Eye Contact:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

**Ingestion:** No information available.

**Note to Physician:** Treatment is symptomatic and supportive. This product is expected to have low oral toxicity.

## SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	This material is non-combustible
Unsuitable Extinguishing Media	None known.
Specific Hazards Arising from the Product	None known.
Special Protective Equipment and Precautions for Fire-Fighters	No Special Requirements

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Leak / Spill	Product becomes slippery. Ordinary housekeeping procedures are adequate. Sweep or Shovel material into waste container and dispose.
Methods for Containment and Cleaning Up	Disposal: Dispose of in accordance with Federal, State and Local Regulations.

## SECTION 7. HANDLING AND STORAGE

Handling procedure and equipment	Always use safe lifting techniques when manually moving containers. Material is slippery, wash thoroughly after handling. Use a local ventilation. Handle in accordance with good industrial hygiene and safety practices.
Conditions for Safe Storage	Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials.
<b>SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
Gloves / Type	Not required
Respiratory / Type	Use a NIOSH-approved dust respirator where dust occurs.
Eye / Type	Goggles
Footwear / Type	Not required
Clothing / Type	Not required
Others / Type	Eye bath and safety shower
Engineering Controls	Local exhaust and general room ventilation are required to meet exposure standards.
<b>SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES</b>	

Physical State	Brown to Black powder
Odour	Odorless free flow powder
Odour Threshold	Not determined
Vapour Pressure (MMHG)	Not determined
Vapour Density (Air=1)	Not determined
Evaporate rate	Not determined
Boiling Point	Not determined
pH	6-7
Bulk Density	1.05 G/cm <sup>3</sup>
Specific Gravity (water=1)	1.76 g/cm <sup>3</sup>
Solubility in Water (% W/W)	Complete Soluble (1% solution) in water
Coefficient of water/ Oil	Not available
<b>SECTION 10. STABILITY AND REACTIVITY</b>	
Reactivity	Stable
Chemical Stability	Stable

Possibility of Hazardous Reactions	None
Incompatible Materials	None
Hazardous Decomposition Products	None

#### SECTION 11. TOXICOLOGICAL INFORMATION

Oral	This product has very low oral toxicity over exposure.
Inhalation	Not determined
Skin contact	Not determined
Eye contact	Not determined
Chronic/Carcinogenicity	No significant chronic effect

#### SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	No known ecological hazards are associated with this product.
Persistence and Degradability	Biodegradable
Bio-accumulative Potential	Not available
Mobility in Soil	Not known
Other Adverse Effects	Not determined

#### SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal	No Special Disposal methods are suggested. It is the user's responsibility to comply with all applicable local, state, and federal laws, rules, regulations, and standards. Note: Handle as a non-hazardous material
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#### SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
IATA / ADR / DOT-US / IMDG	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
This product is not regulated as a hazardous material for all modes of Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code					

<b>SECTION 15. REGULATORY INFORMATION</b>	
Safety, Health and Environmental Regulations	This is not a controlled product. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
<b>SECTION 16. OTHER INFORMATION</b>	
Date of Latest Revision	Date: 11 November 2020 Prepared by: NuVia Technologies Inc.

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