

MATERIAL SAFETY DATA SHEET (MSDS)

Section 1: Product Identification & Supplier

Product Name: Luo Han Guo (Monk Fruit) Extract
Country of Origin: China
Active Ingredient: Mogroside V 50% (HPLC)
Botanical Name: Momordica grosvenorii
CAS No.: 89590-98-7 (Mogroside V)
Recommended Use: Food ingredient, dietary supplement ingredient.
Supplier: BOTANIC PLANET CANADA INC.
Address: 2 Bram Crt Unit # 3 & 4 Brampton Ontario
Email: info@botanicplanet.ca
Telephone number: 905.455.4444
Emergency phone number: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2: Hazard(s) Identification

GHS Classification

This product is not classified as hazardous according to the GHS based on available information.

Label Elements

Signal Word: None

Hazard Pictogram: None

Hazard Statements

Not classified as hazardous under normal conditions of use.

Precautionary Statements

Avoid generating excessive dust.
Avoid contact with eyes.
Wash hands after handling.
Store in a cool, dry place.

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Concentration
Luo Han Guo Extract (Momordica grosvenorii) Mixture		Balance
Mogroside V	89590-98-7	≥50%

SECTION 4: First-Aid Measures

Eye Contact

Flush immediately with plenty of clean water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact

Wash thoroughly with soap and water.

Inhalation

Move affected person to fresh air. Obtain medical attention if symptoms persist.

Ingestion

Rinse mouth with water. Drink water if conscious. Seek medical advice if discomfort occurs.

Most Important Symptoms

Dust may cause mild mechanical irritation to eyes or respiratory tract.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water spray
Dry chemical
Carbon dioxide (CO₂)
Foam

Specific Hazards

Organic powders may form combustible dust concentrations if dispersed in air.

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental Release Measures

Avoid generating dust.

Sweep or vacuum material into suitable containers.

Prevent contamination of drains and waterways.

Dispose of according to local regulations.

SECTION 7: Handling and Storage

Handle using good industrial hygiene practices.

Avoid inhalation of dust.

Keep container tightly closed.

Store in a cool, dry, well-ventilated area.

Protect from moisture, excessive heat, and direct sunlight.

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate ventilation.

Personal Protective Equipment

Eye Protection

Safety glasses or goggles.

Hand Protection

Protective gloves when prolonged handling is expected.

Respiratory Protection

Dust mask or approved particulate respirator if airborne dust is generated.

Skin Protection

Normal work clothing.

SECTION 9: Physical and Chemical Properties

Appearance Fine off-white powder

Odor Characteristic

Taste Characteristic

Solubility Soluble in water

Moisture NMT 5.0%

Ash NMT 5.0%

pH Not determined

Boiling Point Not applicable

Melting Point Not determined

Flash Point Not determined

Auto-Ignition Temperature Not determined

Explosive Properties Not determined

Oxidizing Properties Not oxidizing

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid excessive heat, moisture, and strong oxidizing agents.

Hazardous polymerization will not occur.

Hazardous decomposition products may include carbon monoxide and carbon dioxide during combustion.

SECTION 11: Toxicological Information

No known toxicological hazards under normal conditions of intended use.

May cause mild eye or respiratory irritation from dust exposure.

No data available indicating carcinogenicity, mutagenicity, reproductive toxicity, or skin sensitization for the finished product.

SECTION 12: Ecological Information

No ecological hazards are expected under normal conditions of use.

Avoid uncontrolled release into the environment.

Persistence, bioaccumulation, mobility, and aquatic toxicity have not been fully evaluated.

SECTION 13: Disposal Considerations

Dispose of contents and containers in accordance with applicable federal, provincial/state, and local regulations.

SECTION 14: Transport Information

UN Number: Not regulated

UN Proper Shipping Name: Not applicable

Hazard Class: Not regulated

Packing Group: Not applicable

Environmental Hazard: None known

SECTION 15: Regulatory Information

This product should be handled in accordance with applicable occupational health and safety regulations. Users are responsible for compliance with all applicable local, provincial/state, national, and international regulations.

SECTION 16: Other Information

Product: Luo Han Guo (Monk Fruit) Extract (Mogroside V 50%)

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