



MATERIAL SAFETY DATA SHEET

BLACK STORM™ 0-0-1

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Black Storm™

Product Use: Soil and Hydroponic plant nutrition supplement.

Supplier / Manufacturer: Innovating Plant Products Inc.
4150 Midport Road
Campbell River, BC
Canada, V5J 5G5
Tel: 250-286-8914

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

Black Storm™ is a **potassium humate** aqueous solution, an organic bioactive derivative from leonardite ore.

Chemical Family: Phenolic Hydrocarbons: fulvic/humic acids

Fertilizer Formula: 0-0-1

INGREDIENTS	C.A.S. No.	WT% HAZARDOUS	ACGIH	PEL
Potassium Hydroxide	1310-58-3	Not listed	2 mg/m ³	Not established
Phenolic Hydrocarbons: (fulvic/humic acids derived from Leonardite)	Not listed	Not listed	Not listed	Not listed

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview

This product is of low toxicity, but due to its relatively high pH of 10, could cause skin and eye irritation upon contact. It is expected to be a low ingestion hazard. For eye contact, remove contact lenses, and immediately flush eyes with running water for at least 15 minutes.

Potential Health Effects

Ingestion: Low ingestion hazard. Possible stomach disorders if taken orally.

Inhalation: None listed.

Eye Contact: Possible aggravation.

Skin Absorption: Not normal route of entry.

Skin Contact: Can cause slight dermal effects to persons with sensitive skin. Possible skin reddening if not washed off affected area.

Effects of Overdose: None listed.

Carcinogenicity: IARC, NTP, and OSHA do not list as a carcinogen.

SECTION 4: FIRST AID MEASURES

Ingestion: Get medical care.

Inhalation: Remove to fresh air. Seek medical attention if discomfort persists.

Eye Contact: Remove contact lenses, and immediately flush eyes with running water for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: Wash exposed area with soap and water.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Unknown.

Auto-ignition Temperature: Unknown.

Flammability Classification: Not flammable.

Burning Rate: Not Combustible.

Special Fire Fighting Procedures: None listed.

Unusual Fire and Explosion Hazards: None listed.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spills: Wipe with absorbent towel or mop.

Large spills: Pump spilled material into containers for reuse or disposal. Avoid runoff and contact with water bodies, sewers, and drains.

SECTION 7: HANDLING AND STORAGE

Persons handling product should use proper protective equipment and handle with care. Containers should be stored in cool, dry area to minimize product expansion and possible leakage. Wash hands and clothing after handling product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Protection: Natural ventilation is usually adequate.

Respiratory Protection: Not considered necessary.

Protective Clothing: Rubber or plastic gloves.

Eye Protection: Safety glasses.

Other: Eye bath, shower, should be available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Aqueous solution.

Density: ± 1.1

pH: ± 10.0

Appearance and Odor: Odorless dark brown / black liquid.

Water Solubility: Soluble.

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable at room temperature in closed containers, under normal storage and handling conditions.

Polymerization: Hazardous polymerization does not occur.

Conditions to Avoid: None listed.

Chemical Incompatibilities: Not known.

Hazardous Decomposition Products: At extreme temperatures, CO₂ can evolve.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity: No LD50 (oral, dermal or inhalation) have been determined.

Carcinogenity: Not listed as carcinogen or teratogen.

SECTION 12: ECOLOGICAL INFORMATION

None listed.

SECTION 13: DISPOSAL CONSIDERATIONS

Recycle if possible. Ensure any waste disposal waste is in compliance with applicable environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Shipping Name: Not regulated by DOT
Hazard Class: None
Reportable Quantity (RQ): None
Labels Required: None
Placard: None
Hazard Waste No: None
TDG (Canada) Shipping Name: Not Regulated
Hazard Class: N/A

SECTION 15: REGULATORY INFORMATION

WHMIS Classification: Not subject to control under WHMIS.
SERA : N/A

SECTION 16: ADDITIONAL INFORMATION

The information contained herein is furnished without warranty of any kind. Users should consider these data only as supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

Revised: January, 2013