



MATERIAL SAFETY DATA SHEET

PRODUCT: Milorganite® Greens Grade Organic Nitrogen 6-2-0 Fertilizer **CODE:** 8506911

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: NA

Appearance: Dark beady granules SGN 90-100

Synonyms: Biosolids, Organic fertilizer

Chemical Family: Organic Nitrogen

Product Use: Professional/Domestic Fertilizer

TDG Classification: Not Regulated

SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT %	CAS REG #	LD 50 (mg/Kg)	T.W.A. – T.L.V.
None				

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Specific Gravity: ND

Boiling Point: ND

% Volatiles: ND

Solubility in Water: slight

Appearance\Odour: Earthy scent.

pH: slightly acidic (<7)

Freezing/Melting Point: ND

Vapour Density: ND

Evaporation Rate: ND

Bulk Density: 40-45lbs. per cubic foot.

SECTION 4 - FIRE AND EXPLOSION

Flash Point: ND

Lower Explosion Limit %: (Dust): 10g/m3 OSHA limit.

Fire Extinguishing Media: Foam, Water, CO2

Fire Fighting Procedures: Wear NIOSH approved mask. Becomes slippery when wet.

Other Fire or Explosion Hazards: Dust clouds may trigger explosion. Never breathe fumes.

Autoignition Temperature: ND

Upper Explosion Limit %: ND

SECTION 5 - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Does not occur

Conditions to Avoid: Excessive heat; absorbs moisture in humid areas.

Incompatibility (Materials to Avoid): Strong acids, alkalis and oxidizing agents.

Hazardous Decomposition Products: Emits the same type of toxic fumes as most organic compounds when burning.

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: ND

Effects of Chronic Exposure: Darkened stools if ingested in large quantities.

*Milorganite is certified to be pathogen free, and complies with Ag Canada's maximum metal limits.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Remove to fresh air.

Skin Contact: Wash with soap and water.

Ingestion: If suffering gastrointestinal discomfort, treat symptomatically.

Eye Contact: Remove contacts. Flush promptly with water for at least 15 minutes.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: Not required under normal conditions.

Eye Protection: Safety glasses.

Skin Protection: Not normally required although gloves are recommended.

Other Personal Protective Equipment: For confined space work wear a NIOSH mask and full protective gear.

Engineering Controls: Limit dust clouds in confined space.

Storage Requirements: Keep dry and store in a cool area. Bulk wetted material may generate heat in storage.

Storage Temperature: <40°C.

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Sweep, vacuum, or shovel material into labelled bin. Reuse product if possible.

Waste Disposal: Dispose of empty packaging in garbage. Dispose of waste material in accordance with local, provincial, or federal government regulations.

Environmental Effects: Do not contaminate any water body or supply system.

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Prepared by: Technical Department

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