



## 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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