

Jonathan Green, Inc.

## MATERIAL SAFETY DATA SHEET

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**DATE ISSUED:** 05/19/14  
**SUPERSEDES:** 10/24/12

### I. PRODUCT IDENTIFICATION

**PRODUCT NAME:** Jonathan Green Love Your Lawn-Love Your Soil

**Chemical Family:** Granular homogenous fertilizer

**Chemical Name/Synonyms:** Granular homogenous fertilizer

### II. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS#	PEL/TLV
Granular homogeneous fertilizer containing one or more of the following ingredients. Check specific product label.			
Protein Hydrolysate	0 - 95	N/A	NE
Iron Humate	0 - 95	NA	NE
Calcium Sulfate Dihydrate	0 - 95	10101-41-4	10 mg/M <sup>3</sup> (dust)
Calcium Carbonate	0 - 95	72608-12-9	10 mg/M <sup>3</sup> (dust)
Sodium Bentonite	0 - 20	1302-78-9	15 mg/M <sup>3</sup> (dust)

TLV of all chemicals and mixtures is 15 mg/M<sup>3</sup> ; TWA is 10 mg/M<sup>3</sup> ; Respirable dust TLV of 5 mg/M<sup>3</sup> unless otherwise noted.

### III. HAZARDS IDENTIFICATION

Most important hazards: avoid contact with eyes, and avoid breathing dust particles

### IV. FIRST AID MEASURES

Eyes: Flush with large amounts of water. Seek Medical attention if irritation develops or persists.

Skin: Wash with mild soap.

Ingestion: Rinse mouth. Seek medical attention if irritation develops.

### V. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water

Unsuitable extinguishing media: None

Special hazards in fire: Firefighters should wear protective clothing and respiratory protection to protect from fumes of ammonia gasses as sulfur dioxide that could be formed under extreme circumstances.

Required special protective equipment for fire-fighting: Protective clothing, respiratory protection.

### VI. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONAL) sections before proceeding with cleanup. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Cleanup: Shovel or sweep up. Avoid generating dust.

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### VII. HANDLING AND STORAGE

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Handling: Wash hands thoroughly after handling. Wash clothing after use. Avoid breathing dust.

Storage: Stable under normal storage conditions.

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### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Engineering controls: NA

Control Parameters: NA

Ventilation: Ordinary

Eye Protection: Wear protective eyewear to prevent contact with this substance

Skin and Body Protection: None specified.

Respiratory Protection: Where there is potential for exposure in excess of applicable limits, wear appropriate respiratory protection with dust/mist cartridge.

Hygiene Measures: Wash with mild soap

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### IX. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance: Gray, Dry Granular

Odor: Slight

Boiling Point: NA

Melting Point: NA

Flashpoint: NA

Explosive Properties: None

Vapor Pressure: NA

Solubility: NA

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### X. STABILITY AND REACTIVITY

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Conditions to avoid: Extreme heat

Materials to avoid: None

Hazardous decomposition products: Possibly ammonia gas.

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### XI. TOXICOLOGICAL INFORMATION

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Acute toxicity: Non-toxic