

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M77502

Trade Name: Extreme Green 16
Registration No: None

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company
P.O. Box27
Boise, ID 83702
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: Extreme Green 16
Common Name: Extreme Green 16
Chemical Type: Inorganic Chemical Fertilizer

SECTION 2 HAZARDS IDENTIFICATION

Ingestion: Harmful if swallowed. May cause central nervous system effects.
Inhalation: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.
Eye Contact: May cause eye irritation.
Skin Absorption: Not normally absorbed through the skin.
Skin Contact: May cause skin irritation.
Effects of Overdose: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

SECTION 3 COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None					
This product is a blend of the following non-hazardous ingredients:			100%		
Ferrous Sulfate Heptahydrate	7782-63-0	FeSO ₄ 7H ₂ O		1 mg/m ³ as Fe	NA
Manganese Sulfate Monohydrate	10034-96-5	MnSO ₄ H ₂ O		0.2 mg/m ³	5 mg/m ³ Ceiling

SECTION 4 FIRST AID MEASURES

Ingestion: If swallowed, wash out mouth with water if person is conscious. Seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention if condition persists.
Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
Skin: Wash with soap and water. Seek medical attention if condition persists.
Notes to Physician: Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use media suitable to extinguish source of fire, water spray, carbon dioxide, dry chemical powder, or appropriate foam
Special Fire Fighting Procedures: Product is not combustible.
Unusual Fire and Explosion Hazards: During extremely high temperature fire conditions, the product may reach melting point and decompose to release toxic fumes

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth.
Steps to be taken in case material is released or spilled:
Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Store in a cool, dry area. Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation.
Respiratory Protection: Approved dust respirator when necessary.
Protective Clothing: Normal clean work clothing.
Eye Protection: Chemical safety goggles may be necessary. Wash thoroughly after handling.

* Safety shower and eye wash should be available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Not available
Density:	Not available	% Volatiles (by volume):	Not applicable
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	Not listed	Reaction with Water:	None
Appearance:	Slight Green powder		
Extinguishing Media:	Use media suitable to extinguish source of fire.		

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SECTION 10 STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: Moisture and high temperatures.
Incompatibility (Material to Avoid): Strong acid, powdered metals, hydrogen peroxide, strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.
Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may reach melting point and decompose to release sulfur oxides and oxides of manganese.
Possibility of Hazardous Reactions: Will not occur

SECTION 11 TOXICOLOGY INFORMATION

Not listed

SECTION 12 ECOLOGICAL INFORMATION

Not available

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural practices and soil management. Observe all state, local, and federal regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping name:	Not regulated by DOT	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	Sub. Hazard Class:	None
Reportable Quantity (RQ):	None	D.O.T. Number:	None
Marine Pollutant:	No	Labels Required:	None
ERG Number:	None	Placard:	None
Haz Waste No:	None		
EPA Regist No:	None		

SECTION 15 REGULATORY INFORMATION

Carcinogenicity: by IARC?: Yes () No (X) by NTP?: Yes () No (X)

Not on the 302 list of SARA reportable quantities.

*This product is subject to SARA section 313 reporting requirements.

SECTION 16 OTHER INFORMATION

Flash Point (Test Method):	Non-flammable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
NFPA Rating:	Health-1	Flammability-0		
HMIS Rating:	Health-1	Reactivity-1		
		Flammability-0		
		Reactivity-1		

MSDS Version Number: 1

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