

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: EverGreen 18-5-0-5 w/ 0.4% Barricade®  
Registration No: 7001-385

M74347

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Manufacturer or Formulator:</b>	J.R. Simplot Company P.O. Box 70013 Boise, ID 83707 1-800-424-9300	<b>Product Name:</b>	EverGreen 18-5-0-5 w/ 0.4% Barricade®
		<b>Common Name:</b>	Evergreen 18-5-0-5 w/ 0.4% Barricade®
<b>Emergency Phone - Chemtrec:</b>		<b>Chemical Type:</b>	Inorganic Chemical Fertilizer with Pesticide

#### SECTION 2

#### COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous Non-Hazardous	TLV	PEL
Prodiamine	29091-21-2	Not listed	0.4% 99.6%	Not Indicated 10 mg/m <sup>3</sup> Nuisance Dust	Not Indicated 15 mg/m <sup>3</sup> Nuisance Dust
This product is a blend of the following non-hazardous ingredients:					
Ammonium Sulfate	7783-20-2	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>			
Iron Oxysulfate	--	--			
Monoammonium Phosphate	7722-76-1	NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub>			
Wax	--	--			

#### SECTION 3

#### HAZARDS IDENTIFICATION

**Ingestion:** Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

**Inhalation:** Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.

**Eye Contact:** Dust from this product may cause particulate discomfort to eyes.

**Skin Absorption:** Not normally absorbed through the skin.

**Skin Contact:** Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.

**Effects of Overdose:** Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

#### SECTION 4

#### FIRST AID MEASURES

**Ingestion:** If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention or call the National Poison Control Center at 800-222-1222. Do not induce vomiting or give anything by mouth to an unconscious person.

**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.

**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 NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub> or CN. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

#### SECTION 6

#### ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** Do not touch spilled product. Wear protective clothing, chemical-resistant gloves, shoes and safety glasses or goggles. Use approved respirator if exposure levels are high. If materials are uncontaminated, collect in resealable containers, label containers and reuse as directed on label. Do not reuse bag. Keep from entering waterways.

#### 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:** Safety glasses with side shields, or goggles are recommended.

**Other:** Washing facilities should be available. Gloves are recommended with prolonged or frequent skin contact.

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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 applicable	Reaction with Water:	None
Appearance:	Gray granules.		
Extinguishing Media:	Use media suitable to extinguish source of fire.		

SECTION 10

STABILITY AND REACTIVITY

**Stability (Normal Conditions):** Stable

**Conditions to Avoid:** Extremely high temperatures.

**Incompatibility (Material to Avoid):** 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 NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub> or CN.

**Hazardous Polymerization:** Will not occur

SECTION 11

TOXICOLOGY INFORMATION

	<b>Oral LD50 (rat)</b>	<b>Dermal LD50 (rat)</b>	<b>Aquatic Fish 96-hour</b>	<b>Aquatic (other)</b>
<b>Ammonium Sulfate</b>	640-4,250 mg/kg	> 2,000 mg/kg	> 13.6-159.8 mg total NH <sub>3</sub> /L	> 27.0 mg/total NH <sub>3</sub> /L (daphnia)
<b>Monoammonium Phosphate</b>	> 2,000 mg/kg	> 5,000 mg/kg	> 86 mg/L (rainbow trout)	none listed

All toxicity data from TFI Product Testing Results.

SECTION 12

ECOLOGICAL INFORMATION

None listed.

SECTION 13

DISPOSAL CONSIDERATIONS

**Waste Disposal Procedures:** If uncontaminated, use as directed on label. If contaminated, dispose of in accordance with all federal, state and local laws. Pesticide wastes are toxic. Do not contaminate water supplies. Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of federal law.

SECTION 14

TRANSPORT INFORMATION

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

SECTION 16

OTHER INFORMATION

<b>Flash Point (Test Method):</b>	Non-flammable	<b>Flammable Limits</b>	<b>LOWER</b>	<b>UPPER</b>
<b>Autoignition Temperature:</b>	Not applicable	(% BY VOLUME)	N/A	N/A

Barricade® is a registered trademark of Syngenta Crop Protection Inc.

**MSDS Version Number: 2** (revision to sections 1, 3, 4, 6 & 8; added registration number)

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**Reviewed by:** The Environmental Health & Safety Department  
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