



# CHEMICAL & FERTILIZER, LLC

## Safety Data Sheet

### Section 1 – Chemical Product and Company Identification

**Product Name:** Reflections™  
**Chemical Name:** Soil additive  
**Common Name, Synonym:** None known  
**Material Uses:** Reflectant, Fertilizer  
**Manufacturer/Manufactured For:** Miller Chemical and Fertilizer, LLC  
 Phone: (717) 632-8921 FAX: (717) 646-1104 CHEMTREC: (800) 424-9300

### Section 2 – Hazard Identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification (29 CFR 1910.1200)

Not a hazardous substance or mixture according to 29 CFR 1910.1200 (OSHA HCS)

#### 2.2 Label elements

##### GHS Labeling Elements

Pictogram: Not Applicable  
 Signal Word: Not applicable

Hazard Statements: Not applicable  
 Precautionary Statements: Not Applicable

### Section 3 – Composition/Information of Ingredients

Ingredient Name	CAS Number	%
The proprietary ingredients in Reflections™ are non-hazardous		100

The above chemicals are not present in sufficient quantities to classify the mixture as hazardous according to GHS bridging principles.

PA Right to Know: This product contains proprietary ingredients

This product contains the following chemicals subject to the reporting requirements of Section 13 Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372 ( the corresponding CAS numbers and typical percent by weight are also provided).

None



Product Name: Reflections™

#### Section 4 – First Aid Measures

**EYE CONTACT**

Burning or irritation to eyes

**SKIN CONTACT**

No effects of exposure expected due to contact

**INHALATION**

No noticeable contact

**INGESTION**

May cause irritation to the mouth, nose, and throat; possible nausea and discomfort

#### Section 5 – Fire-Fighting Measures

<b>Flash Point (METHOD):</b>	>212°F (100°C)
<b>Auto-Ignition:</b>	Not Available
<b>Flammable Limits:</b>	Not Available
<b>Extinguishing Media:</b>	Use water spray, chemical foam, carbon dioxide, or dry chemical
<b>Special Fire Fighting Procedures:</b>	Use extinguishing media applicable to primary source of fire
<b>Unusual Fire and Explosion Hazards:</b>	None

#### Section 6 – Accidental Release Measures

**For Spills:**

Absorb with inert material and dispose in accordance with applicable regulations

**Waste Disposal Method**

Dispose of in accordance with local, state, and Federal regulations

#### Section 7 – Handling and Storage

Respiratory Protection:	None
Ventilation:	None required
Protective Gloves:	None required
Eye Protection:	None required
	KEEP FROM FREEZING – Store between 40 F to 100 F

#### Section 8 – Exposure Controls/Personal Protection

Engineering Controls:  
Mechanical: General ventilation is usually adequate.



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<b>Respiratory Protection:</b>	If exposure limits are exceeded, or if exposure may occur, use a NIOSHA/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSHA/MSHA approved positive pressure-breathing apparatus should be readily available.
<b>Eye Protection:</b>	Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses when working with chemicals.
<b>Skin Protection:</b>	Rubber gloves. Clean protective body covering, rubber apron, and rubber boots.
<b>Work Hygienic Practices:</b>	Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take First Aid action shown in Section IV. Launder contaminated clothing before use.
<b>Other Protective Equipment:</b>	Safety shower, eye wash fountain, and washing facilities should be readily available.

#### Section 9 – Physical and Chemical Properties

<b>Appearance/Odor:</b>	White liquid
<b>pH:</b>	7 to 9
<b>Boiling point/Boiling range:</b>	>212°F (100°C)
<b>Viscosity (cps @ 20c)</b>	6,000 to 8,000
<b>Freeze Point:</b>	32°F (0°C)
<b>Flash Point:</b>	>212°F (100°C)
<b>Vapor Pressure (mmHg):</b>	Not Determined
<b>Vapor Density (Air=1):</b>	Not Determined
<b>Solubility in Water:</b>	Dispersible
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.2 to 1.3
<b>Evaporation Rate (NA=1):</b>	Not Determined
<b>Percent Volatile by Volume:</b>	<62.0
<b>Melting Point:</b>	Not Applicable

#### Section 10 – Stability and Reactivity

<b>Chemical Stability:</b>	Stable
<b>Materials to Avoid:</b>	None
<b>Incompatible Materials:</b>	None known



**Product Name:** Reflections™

<b>Decomposition or Byproducts:</b>	From thermal reaction carbon dioxide and carbon monoxide
<b>Hazardous Polymerization:</b>	Will not occur
<b>Polymerization Avoid:</b>	N/A

**Section 11- Toxicological Information**

**Toxicity Data:**

**Acute Eye Irritation:** Data not available  
**Skin Sensitization:** Data not available  
**Acute Dermal Effects:** Data not available  
**Acute Dermal Irritation:** Data not available  
**Acute Oral Effects:** Data not available  
**Mutagenicity:** Data not available  
**Acute Inhalation Effects:** Data not available  
**Teratogenicity:** Data not available

**Section 12 – Ecological Information**

**Ecotoxicity:** Data not available  
**Aquatic Toxicity:** Data not available  
**Environmental Fate:** Data not available

**Section 13 – Disposal Considerations**

<b>Disposal:</b>	If uncontaminated, recover and reuse as product. If contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations
<b>Disposal Regulatory Requirements:</b>	Consult local, county, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations
<b>Container Cleaning and Disposal:</b>	Consult local, county, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations

**Section 14 – Transport Information**

**U.S. DEPARTMENT OF TRANSPORTATION**  
**PROPER SHIPPING NAME:**  
**PACKING GROUP:**  
**HAZARD CLASS:**



**Product Name:** Reflections™

**LABEL/PLACARD REQUIRED:**

**UN/NA No.:**

**WATER TRANSPORTATION**

**PROPER SHIPPING NAME:**

**PACKING GROUP:**

**HAZARD CLASS:**

**LABEL/PLACARD REQUIRED:**

**UN/NA No.:**

**AIR TRANSPORTATION**

**PROPER SHIPPING NAME:**

**PACKING GROUP:**

**HAZARD CLASS:**

**LABEL/PLACARD REQUIRED:**

**UN/NA No.:**

**OTHER AGENCIES:**

**SECTION 14 NOTES:** This product is not considered a hazard

**Section 15 – Regulatory Information**

**EPA Regulations:**

**Reportable Quantity –CERCLA: Not applicable**

**SARA Title III (EPCRA): Not applicable**

**RCRA Waste Code: Not applicable**

**State Regulations:**

**CA Proposition 65: Not applicable**

**EPA National Response Center (800) 424-8802**

**Section 16 – Other Information**

**Preparation Date:** 02/16/2018

**Prepared By:** Regulatory Officer

**Revision Date:**

**Revision Notes:**

**NOTICE TO READER:** THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET (“SDS”) RELATES ONLY TO THE SPECIFIC PRODUCT(S) DESIGNATED HEREIN (THE “PRODUCT”). THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED



**Product Name:** Reflections™

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