



# Material Safety Data Sheet

Generic Name: **Solute Manganese™**

Registration: None

## SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Formulator:</b>	Advancing Eco-Agriculture LLC	<b>Product Name:</b>	Solute Manganese™
	4551 Parks West Road	<b>Common Name:</b>	N/A
	Middlefield, Ohio 44062	<b>Chemical Name:</b>	N/A

**Emergency Phone:** 800-495-6603

## SECTION 2 COMPOSITION OF INGREDIENTS

Chemical Name	C.A.S No.	Common Name
Molasses	68476-78-0	Molasses
Manganese Sulfate	10034-96-5	N/A

## SECTION 3 HAZARDOUS IDENTIFICATION

**Ingestion:** May cause gastrointestinal disturbances and irritation.  
**Inhalation:** N/A  
**Eye Contact:** Avoid Eye Contact.  
**Skin Contact:** Avoid Skin Contact.

## SECTION 4 FIRST AID MEASURES

**Ingestion:** Give 2-3 glasses of water and call a physician.  
**Inhalation:** N/A  
**Eye Contact:** Flush with running water for 15 minutes. If irritated condition persists, get medical attention.  
**Skin Contact:** Wash skin with soap and water. If irritation persists, get medical attention

## SECTION 5 FIRE FIGHTING MEASURES

**Extinguishing Media:** N/A  
**Special Fire Fighting Procedures:** None  
**Unusual Fire Hazards:** None  
**Auto Ignition:** N/A

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Release or spillage:** Soak up and discard.  
**Environmental Precautions:** Do not apply directly to waterways or bodies of water.

## SECTION 7 HANDLING AND STORAGE

**Precautions:** Prevent spillage, use good personal hygiene and work practices.



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## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Ventilation Protection:** N/A  
**Respiratory Protection:** N/A  
**Protective Clothing:** Wear normal work clothing to prevent skin exposure.  
**Eye Protection:** Safety glasses with side shields or goggles.  
**Other:** Eyewash fountain

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	>100 degrees C	<b>Solubility in Water:</b>	N/A
<b>Density:</b>	> 1 g/cm <sup>3</sup>	<b>% Volatiles by Volume:</b>	N/A
<b>Flashpoint:</b>	N/A	<b>Reaction with water:</b>	None
<b>pH:</b>	7.11	<b>Vapor Pressure, mm Hg:</b>	N/A
<b>Appearance:</b>	Brown Liquid		

## **SECTION 10 STABILITY AND REACTIVITY**

<b>Stability (Normal Conditions):</b>	Stable
<b>Conditions to Avoid:</b>	Do not store in direct sunlight or near a heat source.
<b>Materials to Avoid:</b>	none
<b>Hazardous Decomposition Products:</b>	none.
<b>Hazardous Polymerization:</b>	Will not occur.

## **SECTION 11 TOXICOLOGY INFORMATION**

No information available

## **SECTION 12 ECOLOGICAL INFORMATION**

No information available

## **SECTION 13 DISPOSAL CONSIDERATIONS**

**Waste Disposal Procedures:** Consult local, state and federal regulations

## **SECTION 14 TRANSPORT INFORMATION**

<b>Shipping Name:</b>	Solute Manganese™
<b>Hazard Class:</b>	Not regulated as a hazardous material

## **SECTION 15 REGULATORY INFORMATION**

none

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