

**AERCHEM INC.**  
**400 W. 7th Street, Suite 112**  
**Bloomington, IN 47404**

Telephone: 812.334.9996

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**Effective Date:** 06/21/94  
**Product Name:** Manganese Acetate  
**Chemical Formula:**  $(\text{CH}_3\text{COO})_2\text{Mn}\cdot 4\text{H}_2\text{O}$   
**CAS No.:** 6156-78-1

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**Hazardous Ingredients:** None

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**Physical Data:**

Melting point (range) Approx.:	N/A
Boiling point:	N/A
Decomposition temperature:	> 300 °C
pH (at 50 g/L H <sub>2</sub> O) (20 °C):	6.0-7.0
Solubility in water (25 °C):	77.3 g/100 ml
Odor:	slightly acetic
Physical form:	pale pink crystals

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**Fire and Explosion Information:**

Flash point:	>130 °C
(Auto) Ignition temperature:	N/A
Extinguishing media:	Water, foam, dry chemical, carbon dioxide
Fire and explosion hazards:	N/A

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**Reactivity Data:**      **Stable** \_\_\_\_\_      **Unstable** \_\_\_\_\_

**Hazardous Decomposition:** Acetic acid

**Hazardous Polymerization:** N/A

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**Incompatibilities:** None

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**Handling and Storage Information:**

No special precautions needed. Store away from extreme heat, flame or strong oxidizing agents.

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**Leak/Spill Information:**

Wash area with water.

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**Disposal Information:**

Sweep up into suitable containers for disposal.

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**B. First Aid:**

<b>Inhalation:</b>	N/A
<b>Ingestion:</b>	Wash out mouth with water; give water--obtain medical attention.
<b>Skin Contact:</b>	Wash with water.
<b>Eye Contact:</b>	Flush with large amounts of water--obtain medical attention.

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**C. Toxicity Data**

LD 50 Orally in rats: 3.73 g/kg (Merck Index)

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**Occupational Control Measures:**

<b>Airborne Exposure Limited:</b>	N/A
<b>Ventilation Systems:</b>	Local ventilation.
<b>Personal Respirators:</b>	Dust mask.
<b>Skin Protection:</b>	Normal workwear, P.V.C./ rubber gloves

**Eye Protection:**

N/A

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