



## Material Safety Data Sheet

Manganese(II) acetate

MSDS# 13731

### Section 1 - Chemical Product and Company Identification

MSDS Name: Manganese(II) acetate  
Catalog Numbers: AC389140000, AC389140050, AC389140250, AC389141000  
Synonyms: None Known.

Company Identification: Acros Organics BVBA  
Janssen Pharmaceuticalaan 3a  
2440 Geel, Belgium

Company Identification: (USA) Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410

For information in the US, call: 800-ACROS-01

For information in Europe, call: +32 14 57 52 11

Emergency Number, Europe: +32 14 57 52 99

Emergency Number US: 201-796-7100

CHEMTREC Phone Number, US: 800-424-9300

CHEMTREC Phone Number, Europe: 703-527-3887

### Section 2 - Composition, Information on Ingredients

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CAS#: 638-38-0  
Chemical Name: Manganese(II) acetate  
%: 98+  
EINECS#: 211-334-3  
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Hazard Symbols: XN



Risk Phrases: 36/37/38 62 63

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

Warning! Irritant. May cause reproductive and fetal effects. Causes eye, skin, and respiratory tract irritation. Target Organs: Respiratory system, eyes, skin.

#### Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation. May be harmful if absorbed through the skin.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be harmful if swallowed.

Inhalation: Causes respiratory tract irritation. May be harmful if inhaled.

Chronic: Possible risk of harm to the unborn child. May impair fertility.

### Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Ingestion:	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Wash mouth out with water.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician:	Treat symptomatically and supportively.

#### Section 5 - Fire Fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Autoignition Temperature:	Not available
Flash Point:	Not available
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
NFPA Rating:	health: 2; flammability: 0; instability: 1;

#### Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment.

#### Section 7 - Handling and Storage

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use only in a chemical fume hood.
Storage:	Store in a cool, dry place. Store in a tightly closed container.

#### Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Manganese(II) acetate	none listed	1 mg/m3 TWA (as Mn) (listed under Manganese compounds, n.o.s.) .500 mg/m3 IDLH (as Mn) (listed under Manganese compounds, n.o.s.) .	5 mg/m3 Ceiling (as Mn) (listed under Manganese compounds, n.o.s.) .

OSHA Vacated PELs: Manganese(II) acetate: None listed

#### Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

#### Exposure Limits

#### Personal Protective Equipment

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face

Eyes: protection regulations in 29 CFR 1910.133 or European Standard EN166.  
Skin: Wear appropriate protective gloves to prevent skin exposure.  
Clothing: Wear appropriate protective clothing to prevent skin exposure.  
Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

#### Section 9 - Physical and Chemical Properties

Physical State: Powder  
Color: brown  
Odor: Not available  
pH: Not available  
Vapor Pressure: Not available  
Vapor Density: Not available  
Evaporation Rate: Not available  
Viscosity: Not available  
Boiling Point: Not available  
Freezing/Melting Point: Not available  
Decomposition Temperature: Not available  
Solubility in water: Not available  
Specific Gravity/Density:  
Molecular Formula: C4H6MNO4  
Molecular Weight: 173.03

#### Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures. Hygroscopic: absorbs moisture or water from the air.  
Conditions to Avoid: Incompatible materials, excess heat, exposure to moist air or water.  
Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, strong bases.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.  
Hazardous Polymerization: Has not been reported.

#### Section 11 - Toxicological Information

RTECS#: CAS# 638-38-0: AI5770000  
RTECS:  
LD50/LC50: CAS# 638-38-0: Oral, rat: LD50 = 2940 mg/kg;  
Carcinogenicity: Manganese(II) acetate - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.  
Other: The toxicological properties have not been fully investigated. Possible teratogen.

#### Section 12 - Ecological Information

Not available

#### Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

#### Section 14 - Transport Information

US DOT  
Shipping Name: Not Regulated  
Hazard Class:  
UN Number:  
Packing Group:  
Canada TDG  
Shipping Name: Not available

Hazard Class:  
UN Number:  
Packing Group:

## Section 15 - Regulatory Information

### European/International Regulations

#### European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 62 Possible risk of impaired fertility.

R 63 Possible risk of harm to the unborn child.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S 37/39 Wear suitable gloves and eye/face protection.

#### WGK (Water Danger/Protection)

CAS# 638-38-0: Not available

#### Canada

CAS# 638-38-0 is listed on Canada's NDSL List

Canadian WHMIS Classifications: D2B, D2A

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 638-38-0 is listed on Canada's Ingredient Disclosure List

#### US Federal

##### TSCA

CAS# 638-38-0 is listed on the TSCA  
Inventory.

## Section 16 - Other Information

MSDS Creation Date: 3/08/2006

Revision #2 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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