



Finding New Ways to Improve the  
Treatment of Trees and Plants.

## SAFETY DATA SHEET

**PRODUCT NAME: Main Event Dry Manganese 6-0-0**

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**DISTRIBUTOR:** Quest Products Corporation  
**ADDRESS:** 23611 Linwood Road (K-32)  
Linwood, KS 66052  
**PHONE:** (785)-542-2577

**EMERGENCY CHEMTREC PHONE - US & Canada:** 1-800-424-9300

**CHEMICAL NAME:** Main Event Dry Manganese 6-0-0  
**CHEMICAL FAMILY:** Fertilizer  
**CHEMICAL FORMULA:** Proprietary

**PRODUCT USE:** Fertilizer

**SECTION 1 NOTES:** None.

### SECTION 2: HAZARDS IDENTIFIED

#### GHS Ratings:

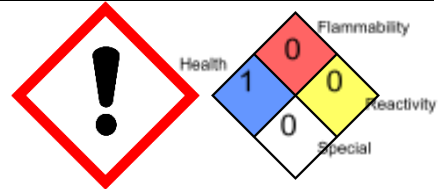
**Signal Word:** WARNING

#### GHS Hazards

H303 – May be harmful if swallowed.  
H316 – Causes mild skin irritation.  
H319 - Causes serious eye irritation.

#### GHS Precautions

P101 – If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.  
P233 - Keep container tightly closed.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
P305+313+337+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, then continue rinsing. If eye irritation persists, seek medical advice or attention.



### SECTION 3: INFORMATION ON COMPONENTS

INGREDIENT	CAS NO.	% WT	ACGIH TLV/TWA	OSHA STEL	NIOSH REL/TWA
Iron Sulfate	7720-78-7	Proprietary	1mg/m <sup>3</sup> (1)	not listed	1mg/m <sup>3</sup> (1)
Manganese Sulfate	7785-87-7	Proprietary	0.2mg/m <sup>3</sup> (2)	0.2 mg/m <sup>3</sup> (2)	not listed

**Proprietary Formulation Ingredients** 100% (1) = as soluble iron salt (2) = as Manganese

**NOTE:** Product does NOT contain any pesticides or pest control agents.

**SECTION 3 NOTES:** If Chemical Name/CAS Number is listed as "Proprietary" and/or the Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### CARCINOGENICITY

OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

#### SECTION 4: FIRST AID MEASURES

*Have the product container with you when calling a poison control center or doctor, or going for treatment, if able.*

*Have this SDS to provide for medical personnel when calling a poison control center, doctor, or going for treatment, if able.*

*Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).*

**IF IN EYES:** Rinse liberally with water for at least 15 minutes. Remove contact lenses if present and easy to do so, after the first 5 minutes - then continue rinsing. If irritation develops or persists, seek immediate medical attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing, wash before reuse. Wash skin with plenty of soap and water. Seek medical advice/attention if irritation develops or persists.

**IF SWALLOWED:** Call a poison control center immediately. If conscious and alert, have person drink water and/or milk to dilute, then induce vomiting.

**IF INHALED:** Remove to fresh air and ventilate suspected area. Keep at rest in a position comfortable for breathing. Seek immediate medical attention if difficulty breathing develops, condition declines, or symptoms persist.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

**SECTION 4 NOTES:** May cause eye, skin and respiratory tract irritation.

#### SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT °C:** Not applicable.

**IN CASE OF FIRE:** Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer, or ordinary) for large fires. Water stream may spread flames.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not use water or foam directly on the fire.

**HAZARDOUS COMBUSTION PRODUCTS:** When ignited, emits irritating fumes.

**SECTION 5 NOTES:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Avoid runoff into storm sewers and ditches which lead to waterways. Sweep up with minimal generation of dust, and package for disposal.

**CLEAN-UP MEASURES:** Follow federal, state and local regulations for liquid and solid waste disposal. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state and local regulations. Wear suitable protective equipment.

**SECTION 6 NOTES:** Do not breathe dust. Do not get in eyes, on skin or on clothing. See section 1 for CHEMTREC emergency phone number. See Section 12 for additional Ecological Information.

#### SECTION 7: HANDLING AND STORAGE



**HANDLING** Keep out of reach of children. Read label before use. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not eat, drink or smoke when using this product. Avoid direct contact with substance. Avoid breathing spray mist. Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse. Wear protective gloves, protective clothing, eye protection and face protection.

**STORAGE:** Store in a cool, dry, well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies.

**SECTION 7 NOTES:** **INCOMPATIBLE MATERIALS** – None known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### END USER MUST READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.

<b>VENTILATION:</b>	Normal room ventilation (mechanical) or outdoor use should be satisfactory.
<b>RESPIRATORY PROTECTION:</b>	Not normally required. If dust is formed, wear a NIOSH/OSHA approved respirator, approved for use with propionic acid, if necessary.
<b>EYE PROTECTION:</b>	Safety glasses with side shields as described by OSHA's eye and face protection regulations in 29CFR 1910.133. 
<b>SKIN PROTECTION:</b>	Wear impervious protective clothing, long pants and long-sleeved shirt, waterproof gloves (including socks and boots), lab coat, apron or coveralls, as appropriate – to prevent skin contact. 
<b>OTHER PROTECTIVE CLOTHING/EQUIPMENT:</b>	Eye wash and safety shower should be easily accessible.
<b>WORK HYGIENIC PRACTICES:</b>	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
<b>EXPOSURE GUIDELINES:</b>	If exposed, see section 4 for acute exposure first aid.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>SECTION 8 NOTES:</b>	None.	<b>FLAMMABLE LIMITS:</b>	Not Determined
<b>APPEARANCE:</b>	Free-Flowing Powder, dark reddish-brown to gray color	<b>VAPOR PRESSURE (mmHg):</b>	Unknown F: N/A C: N/A
<b>ODOR:</b>	Slight Metallic	<b>VAPOR DENSITY (AIR = 1):</b>	Unknown F: N/A C: N/A
<b>ORDER THRESHOLD:</b>	Not Determined	<b>SPECIFIC GRAVITY:</b>	Not Determined
<b>PHYSICAL STATE:</b>	Solid	<b>EVAPORATION RATE:</b>	N/A
<b>pH AS SUPPLIED:</b>	Not Determined	<b>(Basis - butyl acetate=1)</b>	
<b>pH (Other):</b>		<b>SOLUBILITY IN WATER:</b>	Unknown
<b>INITIAL BOILING POINT:</b>	F: Not Determined	<b>PARTITION COEFFICIENT:</b>	No Data
<b>BOILING POINT RANGE:</b>	C: Not Determined	<b>(n-octanol/water)</b>	Available
<b>MELTING POINT:</b>	F: Not Determined	<b>AUTO-IGNITION TEMPERATURE:</b>	N/A
<b>FREEZING POINT:</b>	C: Not Determined	<b>DECOMPOSITION TEMPERATURE:</b>	N/A
<b>METHOD USED:</b>	N/A	<b>VISCOSITY:</b>	Non-viscous
<b>FLASH POINT:</b>	F: Not Determined		
<b>FLAMMABILITY (solid, gas):</b>	C: Not Determined Not Determined		

### SECTION 9 NOTES

**VALUES ARE NOT PRODUCT SPECIFICATIONS.** These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable <input checked="" type="radio"/> Unstable <input type="radio"/>	
<b>CONDITIONS TO MAINTAIN STABILITY:</b>		Store in a cool, well-ventilated place away from sources of heat and direct sunlight. Keep container tightly closed. Keep only in original container.
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>		None known.
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>		Burning may release carbon monoxide or carbon dioxide. Toxic metal oxides may be produced.
<b>HAZARDOUS POLYMERIZATION:</b>		Will not occur.
<b>CONDITIONS TO AVOID (POLYMERIZATION):</b>		Extreme heat.
<b>SECTION 10 NOTES:</b>		None.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>ACUTE ORAL TOXICITY:</b>	Harmful if swallowed. May harm mucosal membranes.
<b>ACUTE DERMAL TOXICITY:</b>	Prolonged contact may cause redness and/or irritation.
<b>ACUTE INHALATION TOXICITY:</b>	May be harmful if inhaled.
<b>EYE DAMAGE / IRRITATION:</b>	Direct contact with eyes will cause serious irritation.
<b>SKIN CORROSION:</b>	Not classified.
<b>RESPIRATORY SENSITIZATION:</b>	May cause allergy/asthma symptoms or breathing difficulties.
<b>CARCINOGENITY:</b>	Not known to be carcinogenic.
<b>SECTION 11 NOTES:</b>	None.

## SECTION 12: ECOLOGICAL INFORMATION

<b>ECOLOGICAL INFORMATION:</b>	None known.
<b>MOBILITY:</b>	Not Determined.
<b>PERSISTENCE/DEGRADABILITY:</b>	Not Determined.
<b>BIOACCUMULATION:</b>	Not Determined

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>WASTE DISPOSAL METHOD:</b>	Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations.
<b>CONTAINER DISPOSAL:</b>	Non-refillable container. Do not reuse or refill this container.
<b>RCRA HAZARD CLASS:</b>	Not subject to RCRA Subtitle C Regulation
<b>SECTION 13 NOTES:</b>	None.

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

<b>DOT Shipping Description:</b>	Not Regulated.
<b>U.S. Surface Freight Classification:</b>	NMFC 33530, class 50 (Solid). Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.
<b>OTHER AGENCIES:</b>	None.
<b>SECTION 14 NOTES:</b>	Please see current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.

## SECTION 15: REGULATORY INFORMATION

### US FEDERAL REGULATIONS

**CERCLA (Comprehensive Response Compensation, and Liability Act):**

Not regulated by CERCLA.

### SARA 311/312 Hazard Categories

**Acute Health Hazard**

Yes

**Chronic Health Hazard**

No

**Fire Hazard**

No

**Sudden Release of Pressure Hazard**

No

**Reactive Hazard**

No

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

**INTERNATIONAL REGULATIONS:** None

**SECTION 15 NOTES:** Harmful if swallowed, absorbed through skin or inhaled. Causes severe eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist or vapors. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE)

## SECTION 16: OTHER INFORMATION

**DATE OF PREPARATION/LAST REVISION:** June 13<sup>th</sup>, 2024

### OTHER INFORMATION:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC, and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

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