



## Technical Data Sheet

### Manganese Sulfate Monohydrate, Granular (31.5% Mn)

<b>Chemical Name</b>	Manganese Sulfate Monohydrate	<b>CAS Number</b>	10034-96-5
<b>Form</b>	Granular	<b>EC Number</b>	600-072-9
<b>Chemical Formula</b>	MnSO <sub>4</sub> ·H <sub>2</sub> O		
<b>MW, g/mol</b>	169.02		

**SUMMARY:** Granular Manganese Sulfate Monohydrate is a pale pink deliquescent salt with the chemical formula MnSO<sub>4</sub>·H<sub>2</sub>O. It is commonly used as a soil supplement (fertilizer) and feed additive for animals

#### SPECIFICATIONS

ITEM	UNIT	STANDARD	TYPICAL
Purity	%, min	96.91	98.36
Appearance	—	Pale Pink	Pale Pink
Manganese [Mn]	%, min	31.50	31.97
Arsenic [As]	ppm, max	3.00	1.00
Cadmium [Cd]	ppm, max	10.00	5.05
Heavy Metals, as Lead [Pb]	ppm, max	10.00	3.29
Water Insoluble Matter	%, max	0.050	0.018

#### MAIN USES

Granular Manganese Sulfate Monohydrate is the most common manganese fertilizer source. It is highly water soluble and suited for soil or foliar application. It is also used as an animal feed additive.

#### STANDARD PACKAGING

25 kg or 1,000 kg woven bags with PE liner.

#### WAREHOUSING AND STORAGE LIFE

Diammonium Phosphate (DAP) is stored and transported in 25 kg, 50 lb, or 1,000 kg, woven polypropylene bags with an inner liner.

#### SPECIAL ADVISE FOR SECURITY

This product must be used and handled following the usual precautions for all chemical substances consulting the safety data sheet.