



**PRODUCT INFO  
& DATASHEET**

# **MANGANESE SULFATE MONOHYDRATE 31% Mn**

*Powder & Granular - Origin: China*

## **1/ GUARANTEED SPECIFICATIONS**

	<u>Guaranteed</u>	<u>Typical - Powder</u>	<u>Typical - Granular</u>
Manganese (Mn)	min. 31%	≥ 31.8%	≥ 31.5%
Lead (Pb)	max. 20 ppm	≤ 15 ppm	≤ 15 ppm
Arsenic (As)	max. 5 ppm	≤ 2 ppm	≤ 2 ppm
Cadmium (Cd)	max. 20 ppm	≤ 10 ppm	≤ 15 ppm
Mercury (Hg)	max. 1 ppm	< 0.2 ppm	< 0.2 ppm

## **2/ PHYSICAL PROPERTIES**

Appearance	white or slightly pink powder or granule
Particle sizes	1) Powder: typically 100% passing through 0.425 mm sieve 2) Fine granular: 0.25 mm - 0.85 mm 3) Coarse granular: 2 - 4 mm

## **3/ APPLICATIONS**

Is mainly used as manganese supplement in animal feeds and fertilisers.

## **4/ OTHER INFORMATION**

Synonyms	Sulphuric acid, manganese salt, monohydrate, manganous sulphate
Formula	MnSO <sub>4</sub> + H <sub>2</sub> O
Molecular weight	169.01
Properties	white or slightly pink powder or granule, soluble in water, insoluble in ethanol
CAS no.	10034-96-5 (monohydrate) / 7785-87-7 (anhydrous)
EINECS no.	232-089-9
H.S. code	2833 29(90)

## **5/ PACKING**

Standard packing	25 kgs net plastic woven bag with inner liner
Optional packing	50 kg, 50 lb, 2000 lb, 1000 kg, 1100 kg, etc.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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