

MANGANESE SULPHATE MONOHYDRATE

GENERAL

Synonyms	Manganese Sulphate Monohydrate
Molecular Formula	$\text{MnSO}_4 \cdot \text{H}_2\text{O}$
CAS No.	10034-96-5
H.S. Code	2833.2990
Molecular Weight	169
UN No.	3077

APPEARANCE

White to light pink Powder

SPECIFICATION

Purity	99.00 % Min.
Iron content (Fe)	50 ppm Max.
Moisture	0.30 % Max.
Water Insoluble (at 5.0 pH)	0.10 % Max.

TECHNICAL DATA

Bulk Density	0.90 -1.50 gm/cm ³
Mn-content	32 % Min.
Dissolution Test (10% Solution)	Clear Solution
PH of 10% Solution	6.0 - 7.0

IMPURITY PROFILE

Aluminium	15 ppm Max.
Arsenic	2 ppm Max.
Cadmium	2 ppm Max.
Calcium	0.20 % Max.
Cobalt	50 ppm Max.
Lead	15 ppm Max.
Mercury	0.3 ppm Max.
Nickel	50 ppm Max.
Zinc	50 ppm Max.
Total Organics	0.10 % Max.

PACKING

- 25 kg HDPE/1250 Kg PP (Jumbo bags)

- **APPLICATIONS** : As a pigment-Manganese White; Agrochemical Intermediate/ Micro nutrient

Revision No. 01; Date : 01/04/2008