

**Technical Data sheet**

**MANGANESE (II) SULPHATE 1-HYDRATE GMP**

**Product Code** :352805 MANGANESE (II) SULPHATE 1-HYDRATE GMP

**Formula** :MnSO<sub>4</sub>·H<sub>2</sub>O

**Retest period** : 24 months

**Standard Grade** : RE

**Rev.:** 09/04/2014

**General Information :**

Mol weight	169,01 g/mol
CAS Nr	10034-96-5
C.E.E. Nr	025-003-00-4
EINECS Nr	232-089-9
HS code	28332980

**Transport :**

ADR/RID Class	9/III,M7
UN Nr	3077
Danger	90
Transport Labels	9 N
IMDG Code	9/III
IATA Code	9
IATA Group	III
CAO Code	956
PAX Code	956

**Specifications :**

Identification A	Passes test	Identification B	Passes test
Identification C	Passes test	Assay (Complex.)	Min. 99,0 %
Appearance of solution	Passes test	Chloride (Cl)	Max. 50,0 ppm
Iron (Fe)	Max. 20,0 ppm	Heavy metals (as Pb)	Max. 20,0 ppm
Res. after ignit.at 450°C	87,0 - 90,0 %		

**Labels :** H-373:May cause damage to organs through prolonged or repeated exposure. H-318:Causes serious eye damage. H-411:Toxic to aquatic life with long lasting effects. P-273:Avoid release to the environment. P-280:Wear protective gloves/protective clothing/eye protection/face protection. P-314:Get medical advice/attention if you feel unwell. P-305+351:If in eyes: Rinse cautiously with water for several minutes.

