

TECHNICAL DATA SHEET (TDS)

Product: Manganese(II) Sulfate (MnSO₄)

Catalogue Number: ASC-1062

HS Code: 2833.29.00

Issue Date: 24 February 2026

1. Product Identification

CHEMICAL NAME	MANGANESE(II) SULFATE
CHEMICAL FORMULA	MnSO ₄
CAS NUMBER	7785-87-7
MOLECULAR WEIGHT (ANHYDROUS)	151.00 g/mol
FORM	Anhydrous or hydrated crystalline solid

2. Physical & Chemical Properties

APPEARANCE	WHITE CRYSTALS (ANHYDROUS); PALE PINK (HYDRATES)
DENSITY (ANHYDROUS)	3.25 g/cm ³
MELTING POINT (ANHYDROUS)	710 °C
BOILING POINT (ANHYDROUS)	850 °C
SOLUBILITY	Highly soluble in water
PH (5% SOLUTION)	Approx. 3.7

3. Typical Applications

- Agricultural micronutrient fertiliser
- Animal feed trace element source
- Precursor for manganese compounds
- Ceramic and pigment formulations
- Laboratory reagent

4. Storage & Stability

Store in cool, dry, well-ventilated area.

Keep container tightly closed.

Protect from moisture.

Stable under recommended conditions.



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5. Intended Use

For laboratory, industrial and agricultural use only.

Not intended for human therapeutic use.

6. Quality & Documentation

Manufactured under controlled conditions.

COA and SDS available upon request.