

TECHNICAL DATA SHEET

EDTA TETRASODIUM SALT 40%

Product code: MS12168

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FORMULA : C₁₀H₁₂N₂O₈Na₄

(CAS : 64-02-8 / EINECS : 200-573-9)

Aqueous solution (40 %) of Na₄.EDTA (Ethylenediaminetetraacetic acid tetrasodium salt)**APPEARANCE**

Clear, slight yellow liquid.

PHYSICAL PROPERTIES

Assay (Na ₄ EDTA)	: min. 39,0	%wt
Chelation value (CaCO ₃)	: min. 102,6	mg/g

PHYSICAL PROPERTIES

Bulk density (20 °C)	: 1,265 – 1,275	kg/lt
Specific gravity	: 1,290 – 1,330	
pH (1 % in water)	: 11 – 11,8	
Melting point	: -24	°C
Solubility in water	: complete	
Colour (APHA)	: max. 200	
NaOH, Excess	: 1,2 – 1,6	%wt

METAL CHELATION CAPACITY

Calcium (Ca)	: 25	Parts chelant per part metal
Magnesium (Mg)	: 41,2	Parts chelant per part metal
Iron (Fe)	: 17,9	Parts chelant per part metal
Copper (Cu)	: 15,8	Parts chelant per part metal
Manganese (Mg)	: 18,2	Parts chelant per part metal

PACKING

Can be obtained in bulk, drums, multiboxes and cans. Other packaging is available on request.

SAFETY REGULATION

The safety data sheet is available on request.

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose.

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