

Technical Data Sheet

AMT105080 Potassium permanganate extra pure

General product Information:

Synonyms	Permanganic acid potassium salt
Overview	Suitable for synthesis-oxidation agent
Hill Formula	KMnO_4
Molar Mass	158.03 g/mol
CAS Number	7722-64-7
Grade	Extra pure
Chemical Formula	KMnO_4
Structure formula	
Image	

Chemical/Physical Data:

Boiling point	56.2 °C (1013 hPa)
Density	2.70 g/cm ³ (20 °C)
Explosion limit	-
Ignition temperature	-
Melting Point	>240 °C (decomposition)
pH value	7-9 (20 g/l, H ₂ O, 20 °C)
Vapor pressure	<0.01 hPa (20 °C)
Water absorption	-
Refractive Index	1.59 (20 °C)
Solubility in water	64 g/l (20 °C)

Toxicological Data:

LD 50 oral	LD50 Rat 750 mg/kg
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Packaging Information:

Order Number	Package	Packaging
AMT105080.0250	250 g	Plastic Bottle
AMT105080.0500	500 g	Plastic Bottle
AMT105080.1000	1 kg	Plastic Bottle