

100% SULPHURIC ACID – HIGH GRADE

CAS No. 007664-93-9 **EC No.** 231-639-5

Alternative names:

Sulphuric acid concentrated, Sulfuric acid, Rectified Oil of Vitriol (ROV)

INEOS Enterprises produce a range of sulphuric acid and related sulphur chemicals at its Runcorn site in the UK. High grade 100% sulphuric acid is a specialist product used as a processing aid.

Specifications

Parameter	Units	Lower Limit	Upper Limit
Sulphuric Acid	% w/w	100.0	100.2
Iron (Fe)	ppm w/w	0	20
Residue on Ignition	ppm w/w	0	100
Antimony (Sb)	ppm w/w	0	1
Arsenic (As)	ppm w/w	0	0.1
Cadmium (Cd)	ppm w/w	0	0.1
Chromium (Cr)	ppm w/w	0	4
Copper (Cu)	ppm w/w	0	0.5
Lead (Pb)	ppm w/w	0	1
Manganese (Mn)	ppm w/w	0	1
Mercury (Hg)	ppm w/w	0	0.01
Nickel (Ni)	ppm w/w	0	4
Selenium (Se)	ppm w/w	0	1
Zinc (Zn)	ppm w/w	0	1
Particulate Matter > 5 micron	ppm w/w	0	25

Specification reference: 55354051

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Typical Physical Properties

Parameter	Conditions	Units	Typical Value
Form	-	-	Liquid
Colour	-	-	Colourless
Odour	-	-	Odourless
Boiling point	-	°C	290
Melting point	-	°C	10.4 to 10.9
Vapour pressure	20°C	mm Hg	<0.001
Density	20°C	g/ml	1.837
Solubility in water	-	-	Soluble with evolution of heat

Health and Safety

Sulphuric acid is corrosive and causes severe skin burns and eye damage. Refer to the Material Safety Data Sheet for further information.

Delivery

100% sulphuric acid is supplied in dedicated iso-tanks only.

Enquiries

For further information, please contact your customer service representative or INEOS Enterprises Ltd on +44 1928 512213.

www.ineosenterprises.com

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