

OLEUM 20-70 %
H₂SO₄ + SO₃
TECHNICAL

Physical characteristics

Density	1,89 –2,00 g/cm ³ at 20 C ^o
Freezing point	from - 11 C ^o til 6 C ^o
Steam pressure	low, below 1.456 mbar at 20 C ^o
Appearance	oily, colourless or light yellow, slightly cloudy, fuming liquid, offered at 20 and 65 mass % free SO ₃ dissolved in sulphuric acid. Other concentrations can be delivered at request.
Danger ranging	CAS: 8014-95-7 ADR/RID: 8CT1.I., UN: 1831

Guaranteed quality

	Unit	Nominal value	
		oleum 22%	oleum 65%
Free SO ₃ -content	mass%	22-24	65-70
Iron/ Fe /	mass%	max.0,01	max.0,01
Ignition residue	mass%	max.0,05	max.0,05
Arsenous/As/	mass%	max.0,000003	max.0,000003

Packing: rail tank car with or without heating and isolated rail tank cars

Applications: Sulfonating, Sulfuration