

	SPOLSAN[®] S
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CAS 7783-20-2 (ammonium sulfate)

ES number 231-984-1

CHARACTERISTICS

SPOLSAN[®] S is a trademark of SPOLANA, a.s.

SPOLSAN[®] S is ammonium sulfate (ammonium salt of sulfuric acid). It contains at least 20.6 % of ammonium, long-acting nitrogen and at least 23.6 % of sulfur in water-soluble form. Furthermore, it also contains a small amount of ammonium nitrate, concentration of which does not exceed 1.5 %. SPOLSAN[®] S is obtained from sulphite lyes.

SPOLSAN[®] S is a crystalline compound of a white color, which changes into a white-grey to pink-grey color with time. It dissolves in water very well. SPOLSAN[®] S has a slight odor caused by the hydrophobization agent. When dissolved in water, it leaves an oily film on top of water.

SPOLSAN[®] S is a reported nitrogen fertiliser. It is used as a laboratory chemical. Due to its characteristics, the chemical also prevents fires.

SPOLSAN[®] S has not been approved for being used in the food and pharmaceutical industries.

SPOLSAN[®] S is classified in accordance with Act No. 350/2011 Coll. (Chemical Act), Directive No. 1907/2006 (REACH) and Directive No. 1272/2008 (CLP), including their implementation regulations and, if applicable, legal regulations that may replace them in the future. The actual classification is stated on the appropriate safety sheet. SPOLSAN[®] S is not classified as a hazardous substance.

When handling or working with SPOLSAN[®] S, the occupational health and safety regulations stated in Chapter VI of the corresponding company standards and on the safety sheet shall be always observed.

SPOLSAN[®] S is made in accordance with the valid technological, fire and safety documentation.

TECHNICAL REQUIREMENTS

Quality sign	Unit	Values	It is tested in pursuant to
Total (ammonium) nitrogen as N, min.	% of the weight.	20.6	SOP-A-169
Water-soluble sulfur as S, min.	% of the weight.	23.6	SOP-A-169
Humidity, max.	% of the weight.	0.8	SOP-A-169
Free sulfuric acid, max.	% of the weight.	0.1	SOP-A-169
Fall-through ratio under 0.20 mm sieve, max.	% of the weight.	10.0	SOP-A-169

SPOLSAN[®] S meets the requirements of the decree no. 474/2000 Coll.:

Quality symbol	Unit	Values	It is tested pursuant to
Cadmium (Cd), max.	mg/kg	1	SOP-A-170
Lead (Pb), max.	mg/kg	10	SOP-A-170
Chromium (Cr), max.	mg/kg	50	SOP-A-170
Mercury (Hg), max.	mg/kg	1.0	SOP-A-170
Arsenic (As), max.	mg/kg	20	SOP-A-170

Issue number / Revision number	Replaces the Material sheet from	In effect from:	Page 1 of 1
4	2017-09-01	2017-11-04	