

	Technical Data Sheet	
	Aluminium Sulphate, technical grade, purified	01.01.2018
Manufacturer	Public Joint-Stock Company SUMYKHIMPROM	
Address	40003 Kharkovskaya str., p/o 12, Sumy, Ukraine	
Telephone	+ 38 (0542) 67-42-14	
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Product information:

Application sphere	In water treatment of household and drinking, as well as industrial applications, to be used in paper, textile, tanning and other industrial branches.
Appearance	Irregular shaped lumps or white granules
Molecular formula	$Al_2(SO_4)_3$
Trade name	Aluminium Sulphate, technical grade, purified
Registration numbers	CAS No.10043-01-3; EINECS No. 233-135-0
Guaranteed shelf life	12 months from the date of manufacture
Kind of packaging	Aluminium Sulphate is packed in specialized soft containers of types IBC-1,0 C, IBC -1,0 M and MKO-1,0 C. Deliveries in bulk are possible.
Durability period	Unlimited
Storage and handling conditions	Aluminium Sulphate is stored in bulk or in bags in covered dry warehouses, on sites with solid flooring or in bunkers. Containers are kept on dedicated container areas. The product packed in containers is permitted to store on clean open sites, equipped with solid flooring and water runoff. Storage period is unlimited.
Transport information	Aluminium Sulphate is carried in packaging or in bulk. Aluminium Sulphate in bulk is carried by covered railway wagons and by road vehicles, packed product — by all kinds of vehicles, excluding air transport, in covered transport vehicles, in accordance with carriage regulations, valid for the given kind of shipment. The product, packed in specialized soft containers, is permitted to carry by open vehicles. Is carried by road (ADR) or railway vehicles (RID), conforming to valid for the given kind of transport regulations on loading, fastening and carriage of cargo. Complying to international carriage regulations, the cargo is not classified as dangerous.

Physico-chemical indices

Indices denomination	Norm for grade	
	1 st	2 nd
Appearance	Non-caking platelets, lumps of irregular shape and various dimensions, of 10 kg maximum weight, white colour (pale tints of grey, blue and pink colours are permitted)	
Aluminium Oxide, % by wt., min.	16	15
Insoluble in water residue, % by wt., max.	0,3	0,7
Iron in terms of Iron Oxide (III), % by wt., max.	0,02	0,30
Free Sulphuric Acid (H ₂ SO ₄), % by wt., max	Stands the test under GOST 12966-85	0,1
Arsenic in terms of Arsenous Acid Anhydride (III), % by wt., max.	0,001	0,003