

Aqueous ammonia technical

Normative document: GOST 9-92

Chemical formula: $\text{NH}_3 \cdot \text{H}_2\text{O}$

Application

According to its application aqueous ammonia technical is produced in two grades:

grade A – for use in various industries;

grade B – for use in agriculture as a nitrogen fertilizer.

Specifications

Description	Value	
	Grade A	Grade B
Appearance	Transparent colorless liquid	Transparent colorless or yellowish liquid
Ammonia, %, min	25	25
— as nitrogen, %, min	Not rated	20,5
Non volatile residue, g/dm ³ , max	0,07	Not rated
CO ₂ , g/dm ³ , max	Not rated	8

Storage and transportation

Aqueous ammonia technical is stored indoors in leak-tight packaging or in special storage containers.

Aqueous ammonia technical is transported by railway, by road, and by water in leak-tight transportation facilities in accordance with cargo carriage regulations applicable to a particular transportation mode.

Guaranteed storage life: 3 months from the date of manufacture.

Produced at OSTCHEM production sites: PJSC "AZOT" (Cherkasy), PJSC "RIVNEAZOT", PJSC "SEVERODONETSK AZOT ASSOCIATION", AS "NITROFERT"