

**STATE CONCERN
"TURKMENCHEMISTRY"**

PRODUCTION ASSOCIATION "GARABOGAZSULFAT"

MAGNESIUM CHLORIDE, TECHNICAL

**(BISCHOFITE)
MgCl₂x6H₂O**

ISO 9001-2002 TDS 7759-73

Raw materials for production-intercrystalline brines Kara-Bogaz-sulfate

SPECIFICATIONS

Indicator	The Norm
1. Appearance	Scales from white to light gray in color with shades of yellow to light brown
2. Mass proportion of magnesium ions (Mg ²⁺)% not less, including MgCl ₂ x6 H ₂ O, %, not less than	11,8 97,0
3. Mass fraction of sulfate ions (SO ₄ ²⁺)% max	1,1
4. Mass fraction of alkali metal ions, Na + K, %, no more	0,8
5. Mass fraction of water-insoluble residue, %, no more than	0,2

**TRANSPORT INFORMATION
APPLICATION**

It is used in the chemical industry (for defoliant, hydrochloric acid, magnesium oxide, magnesium metal, etc.), light industry, energy (additive to sour fuel oil burnt at TPP), construction, medicine (balneo-therapeutic agent).

Shelf life: 1 year.