



STATE CONCERN TURKMENHIMIYA
CONSUMER COOPERATION GARABOGAZ SULFATE
MAGNESIUM CHLORIDE TECHNICAL

Bischofite

ISO 9001-2002 TDS-7759-73

Formula – $MgCl_2 \cdot 6H_2O$

Raw materials for production - intercrystalline brines

GULF OF GARABOGAZ SULFATE

1. TECHNICAL CHARACTERISTICS

Name of indicator	norm
1. Appearance	Scales with white to light gray with the shades of yellow to light brown
2. Mass fraction of magnesium ions (Mg^{2+}), no less than, including $MgCl_2 \cdot 6H_2O$, %, no less than	11,8 97,0
3. Mass fraction of sulfate ions (SO_4^{2-}), no more than	1,1
4. Mass fraction of alkali metal ions, Na + K %, no more than	0,8
5. Mass fraction of water-insoluble residue %, no more than	0,2

2. FIELD OF APPLICATION

Used in the chemical industry (to get a defoliant, hydrochloric acid, magnesium oxide, magnesium metal, etc.), light industry, energy (additive to highly concentrated sulphur fuel oils burned at thermal power plants), in construction, medicine (balneo-therapeutic agent).

Shelf life: 1 year

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