

# BISCHOFITE

## (MAGNESIUM CHLORIDE)

TU 2152-002-93524115-2010



### APPEARANCE:

Pearls or flakes of white to light-gray color with yellowish to light-brown shades.

### APPLICATION:

In construction industry for production of magnesia cements (Sorel cement), glass magnesium boards, magnesite slabs, glass-magnesium tiles, foamed concrete (foamed magnesite), gas concrete (gas magnesite) based on magnesite cement. In oil and gas industry as a component of drilling fluids and killing drilling muds. In chemical industry for production of magnesium containing compounds, including magnesium oxide, magnesium hydroxide and magnesium metal, synthetic hydrotalcite, synthetic rubbers and thiocol, as well as refractories and magnesium-chlorate defoliant. In textile industry for stabilization in fabric dyeing. In agriculture as a fertilizer. Also used as a dust suppressant, sewage water treatment, for production of abrasives and as a deicing agent.

### PACKING:

Polyethylene and polypropylene bags with net weight 25 kg, special big-bags with net weight from 0.5 to 1 ton, including among limitation tailor-made ones. Upon agreement with a customer it is admissible to use other types of packing providing full safety of the product and not reducing the quality.

### TRANSPORTATION AND STORAGE:

Should be transported by all covered transport means in conformity with the Rules of Transportation of Cargoes effective for this transport means. Magnesium chloride packed in bags should be stored in covered warehouses, packed in containers should be stored in container areas.

INDEX:	NORM
Fraction of magnesium ions ( $Mg^{2+}$ ) total mass, %, min	11.8
Fraction of magnesium ions ( $Mg^{2+}$ ), converted to $MgCl_2 \times 6H_2O$ total mass, %, min	97
Fraction of calcium chloride converted to calcium oxide (CaO) total mass, %, max	0.1
Fraction of sulfates converted to sulfate ion total mass, %, max	0.1
Fraction of alkali metals ions ( $Na^+ + K^+$ ) total mass, %, max	0.8
Fraction of insoluble in water residue total mass, %, max	0.2

### CONTACT DETAILS: