



DIHYDRATE is a calcium sulphate salt.

USES

DIHYDRATE manufacture of wallboard, cements, POP, soil conditioning and a hardening of retarder in portland cement. Can also be used as a road base.

PRODUCT DESCRIPTION

GYPSUM DIHYDRATE is a calcium sulphate salt which is white or nearly white in colour, odourless, crystalline solid. It's chemical formula is $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$.

PHYSICAL PROPERTIES

Colour: White

Form: Solid

Odour: None

Typical top density: 2,0g/cm

Typical pour density: 2,96g/cm³

Molecular weight: 136.134 g/mol³

Melting point: 1560°

CHEMICAL PROPERTIES

Chemical	%
SiO ₂	< 0,5
CaSO ₄ · ½H ₂ O	<1
CaSO ₄ · 2H ₂ O	> 93.0

TYPICAL MINERALOGY

Gypsum, quartz and hemihydrate.

PACKAGING

1000 kg
40 kg bags.

SAFETY PRECAUTIONS

Keep out of reach of children
Avoid inhalation of powder and dust
Ensure good ventilation during application & drying
In case of skin contact, wash with soap and water