

## ***Magnesium Sulphate Heptahydrate (Available as Brand "Shakti")***

### ***Unique key features of our product :***

1. Mg % : 9.6 min.
2. Extra White compared to other brands available material in market.
3. Uniform crystal size which is best suitable for fertilizer application.
4. It is manufactured by good quality raw materials.
5. Packed in 75 GSM virgin quality HDPE bag.
6. Its quality is best suited for micronutrient Manufacturing.
7. Price is low compare to market price for same kind of quality.



### ***Applications of our products in various fields :***

#### ***a) Fertilizer application :***

1. It is 100 % water soluble.
2. Recovers deficiencies due to balanced nutrient supply and thereby boosts rapid and healthy growth to crops.
3. Increases disease and pest resistance ability in plants leading to reduction in cost on pesticides and fungicides.
4. Early and uniform flowering.
5. Prevents flower and fruit dropping resulting in more yield.
6. Improves fruit quality, weight, colour, size and shelf life.

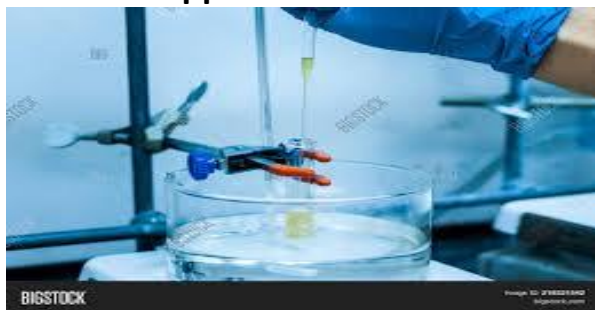


**b) Textile Industries application**



1. Used in finishing composition for dressing cotton.
2. Used for weighting and sizing of silk.
3. Used as a mordant for fixing basic dyestuffs on wool.
4. Used in fire proofing fabrics.

**c) Industrial application :**



1. In cement industries it is used in mfg of Oxysulfate Cement.
2. It is a component of certain types of electrolytic plating baths, of various photographic solution, of cosmetic lotions.
3. Used as a catalyst carrier.
4. Used as a dietary supplement in cattle feed.
5. Used as a coagulant for rubber and Plastics.
6. Used in making of citric acid and several magnesium salt like magnesium stearate etc.

## SPECIFICATION

**Product Name:** Magnesium Sulphate Heptahydrate

**Chemical Formula:**  $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$  **CAS No.** 10034-99-8

**HSN Code:** **EC No.:** 231-298-2



Sr.No	Parameter	UOM	Value
1	Appearance		White crystals or powder
2	Assay as $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	% w/w	98.5 min
3	Mg Content	% w/w	9.6 min
4	MgO Content	% w/w	16 min
5	pH	pH	6 – 7
6	Sulfur Content	% w/w	12 min
7	Lead Content	ppm	25 max
8	Iron Content	ppm	80 max

**Packing:** 50 HDPE Bags

**Prepared by:** Quality Control Department