



101,102 Jayesh Bldg., Nr. Syndicate Bank, Waliv, Vasai (E)-401 208,  
MAHARASHTRA (INDIA)      Mail: [info@ussteriles.com](mailto:info@ussteriles.com)  
Contact: +91-9822673664      Website: [www.ussteriles.com](http://www.ussteriles.com)

## MAGNESIUM SULPHATE HEPTAHYDRATE FCC MATERIAL SAFETY DATA SHEET

### Section 1: Chemical Product and Company Identification

**Product Name** : Magnesium sulphate Heptahydrate FCC

**CAS#** : 10034-99-8

**FSSAI Lic. No.:** 11519019000530

#### **Contact Information:**

**U.S.Steriles**

101,102, Jayesh Bldg,

Near Syndicate Bank, Waliv Naka, Waliv, Vasai (E),

Palghar-401 208, Maharashtra, India

### Section 2: Composition and Information on Ingredients

Name	CAS #	% by Weight
Magnesium sulphate Heptahydrate	10034-99-8	100

**Toxicological Data on Ingredients:** Not applicable.

### Section 3: Hazards Identification

**No significant hazards associated with this material**

Suggested NFPA ratings:

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
1	0	0	E

### Section 4: First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Cold water may be used. Get medical aid immediately.

**Skin Contact:** Wash with non-abrasive soap and water. Cold water may be used. Remove the contaminated clothing and shoes. Wash clothing before reuse. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

**Inhalation:** Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

**Ingestion:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

### Section 5: Fire and Explosion Data

Flammability of the Product	Non-flammable
Extinguishing media	Not applicable
Special Fire Fighting Procedures	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

### Section 6: Accidental Release Measures

**Spill Procedures:** On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

### Section 7: Handling and Storage



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**Precautions:** Observe label precautions.

**Storage:** Tightly closed. Dry.

**Storage temperature:** No restrictions.

### **Section 8: Exposure Controls/Personal Protection**

**Eye Protection Requirements:** Eyeglasses or goggles should be worn in dusty areas.

**Skin Protection Requirements:** Protective clothing may be worn in dusty areas if required.

**Respiratory/Ventilation Requirements:** Approved respirator for particulates.

**Exposure Limits:** Not available.

### **Section 9: Physical and Chemical Properties**

Physical state and appearance	White Crystalline powder.
Odor	characteristic
Taste	Not available
Molecular Weight	246.48 g/mol
Colour	White
pH	5 - 8.2 5% solution
Vapor Pressure	< 0.1 mm Hg
Boiling Point	Not available
Melting Point	Not available
Specific Gravity	Not available
Solubility	Freely Soluble in water
Relative density	1.678

### **Section 10: Stability and Reactivity Data**

Stability	The product is Hygroscopic.
Instability Temperature	Direct sunlight. Extremely high or low temperatures.
Conditions of Instability	Not available.
Incompatibility with various substances	Strong bases.
Special Remarks on Reactivity	Not available.
Hazardous decomposition products	Sulfur compounds.

### **Section 11: Toxicological Information**

<b>Routes of exposure</b>	: Inhalation; Skin and eye contact; Ingestion
<b>Acute toxicity</b>	: Not classified
<b>Skin corrosion/irritation</b>	: Not classified pH: 5 - 8.2 5% solution
<b>Serious eye damage/irritation</b>	: Not classified pH: 5 - 8.2 5% solution
<b>Respiratory or skin sensitization</b>	: Not classified
<b>Germ cell mutagenicity</b>	: Not classified
<b>Carcinogenicity</b>	: Not classified
<b>Reproductive toxicity</b>	: Not classified
<b>Specific target organ toxicity – single exposure</b>	: Not classified



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**Specific target organ toxicity – repeated exposure:** Not classified

**Aspiration hazard** : Not classified

**Potential Adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

### **Section 12: Ecological Information**

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Non-hazardous

**Toxicity of the Products of Biodegradation:** Not available.

**Special Remarks on the Products of Biodegradation:** Avoid release to the environment.

### **Section 13: Disposal Considerations**

**Waste Disposal Method:** Follow applicable Federal, state, and local regulations.

### **Section 14: Transport Information**

Non-hazardous, not regulated for transport

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

### **Section 15: Other Regulatory Information**

Not applicable

### **Section 16: Other Information**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall U.S.Steriles be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if U.S.Steriles has been advised of the possibility of such damages.