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TECHNICAL DATA SHEET

MAGNESIUM CHLORIDE HEXAHYDRATE FLAKES (INDUSTRIAL GRADE) – Product Code: HKD-015

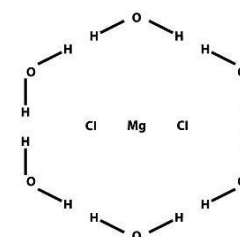
SYNONYMS: Magnesium Dichloride Hexahydrate, MgCl₂ Flakes & MAG CL₂ Flakes

CHEMICAL STRUCTURE AND IDENTITY:

Molecular Formula: MgCl₂.6H₂O CAS Number: 7791-18-6
Molecular Weight: 203.31 g/mol HS Code: 2827 3100

SPECIFICATION:

Description:	White to Pale Yellow, Odourless, Deliquescent Flakes
Assay (as MgCl ₂ .6H ₂ O)	Min. 99.00%
Magnesium Chloride (as MgCl ₂)	Min. 47.00%
Magnesium (as Mg)	Min. 12.00%
Chloride (as Cl ₂)	Min. 34.00%
pH (10% Solution in water)	Min. 6.00
Magnesium Sulphate (as MgSO ₄)	Max. 0.80%
Calcium Chloride (as CaCl ₂)	Max. 0.10%
Sodium Chloride (as NaCl ₂)	Max. 0.20%
Calcium (as Ca)	Max. 0.20%
Sulphate (as SO ₄)	Max. 0.10%



PROPERTIES:

Boiling Point	1412°C	2574°F	1685 K
Melting Point	117°C	243°F	390 K
Density	1.569 g/cm ³		
Solubility in water	235 g/100ml (20°C)		

APPLICATIONS:

- Aquaculture
- Oxychloride Cement (Sorel Cement)
- De-Icing Agent
- De-Dusting Agent
- Anti-heating and bonding agent in Abrasive Industry
- Manufacturing of Stones for Flour Mill (Flour processing)
- Wetting Agent for dressing in Textile Industry
- Fire-Retardant
- Fireproofing agent for impregnation of wood
- Fertilizers & Pesticides
- Cattle/Animal Feed
- Oil Drilling
- Specialized Floorings and shades
- Detoxification
- Soya Paneer Manufacturing

PACKAGING: Standard Packing 50 KG. Other Packaging may be considered on request.



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