

# PRODUCT PROFILE

## MAGNESIUM CHLORIDE HEXAHYDRATE FLAKE

### CHEMICAL ANALYSIS

	ANALYSIS WEIGHT %	
	TYPICAL	RANGE (%)
Magnesium Chloride (MgCl <sub>2</sub> )	47	46.2 - 49.8
Potassium (K)	0.2	0.1 - 0.6
Sodium (Na)	0.4	0.2 - 0.7
Sulfate (SO <sub>4</sub> )	0.2	0.1 - 0.4
Calcium (Ca)	0.2	0.1 - 0.5
Lithium (Li)	0.07	0.0 - 0.1

### COLOR

White

### CONVERSION FACTORS

Wt% K	x	1.91	=	Wt% KCl
Wt% Na	x	2.54	=	Wt% NaCl
Wt% SO <sub>4</sub>	x	1.25	=	Wt% MgSO <sub>4</sub>
Wt% Ca	x	2.77	=	Wt% CaCl <sub>2</sub>
Wt% Li	x	6.11	=	Wt% LiCl

### DESCRIPTION

Thin, opaque, deliquescent flake containing approximately six moles of water of crystallization per mole of magnesium chloride.

\* Reprinted from original obtained from manufacturer.



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