

# A Quality Product From Balaji Minechem

New Launch



## Export Quality

# Magnesium Chloride Hexahydrates





# MAGNESIUM CHLORIDE

(MgCl<sub>2</sub>.6H<sub>2</sub>O)





## ABOUT US

Balaji Minechem are one of the reputed concerns, engaged in manufacturing and supplying premium quality of Magnesium Chloride with exclusive and effective technologies which ensure perfect quality of Magnesium Chloride.

Magnesium Chloride is the name for the chemical compound with the formula  $MgCl_2$  and its various hydrates  $MgCl_2(H_2O)$ . This salt is highly ionic and a halide and thus very much soluble in water. That is exactly where it is mostly extracted from - seawater or brine.

The Brine is treated through different processes and quality procedures for ensuring highest standards of quality at the time of production. With the help of a highly experienced team and integrated quality checks, we ensure minimum heavy metals in our product. We are working tirelessly to improve the quality of the product above the industry standards.

## Specifications of Magnesium Chloride Hexahydrate Flakes

SPECIFICATION	MINIMUM	MAXIMUM
Appearance	White to Off white	White to Off white
Magnesium Chloride (as $MgCl_2 \cdot 6H_2O$ ), Percent by mass	98.0	99.0
Magnesium Chloride (as $MgCl_2$ ), Percent by mass	46.5	47.5
Matter insoluble in water, Percent by mass	0.01	0.01
Sulphur, Percent by mass	0.3	0.5
$MgSO_4$ , Percent by mass	0.5	1.5
Calcium (as Ca), percent by mass	0.01	<0.02
Iron (as Fe), PPM	10	<30
Heavy metals (as Pb), PPM	<1.0	<2.0
Boron (as B), PPM	<33.562	<50.0
Nickel, PPM	<5.0	<10.0
Arsenic, PPM	NIL	NIL
Acidity (as HCl), percent by mass	Passes Test	Passes Test
Alkali Chloride (as NaCl), percent by mass	<0.5	<1.0
Potassium, percent by mass	<0.3	<0.5
Ammonium Salts (as N)	<0.005	<0.006





**Balaji Minechem**  
SALT AND MINERALS  
An ISO 9001 : 2015 Certified Company

## USES OF MAGNESIUM CHLORIDE

FOOD  
SUPPLEMENT



DISINFECTANT  
CHEMICALS



DUST  
CONTROL  
AGENT



AQUA CULTURE  
& FERTILIZER

INDUSTRIAL  
CHEMICAL



EMERY STONE  
GRINDING



DE-ICING  
AGENT



COOLANT FOR  
DRILLING TOOLS

AND MANY OTHER APPLICATIONS.

MAGNESIUM  
CHLORIDE FLAKES



MAGNESIUM  
CHLORIDE CRYSTAL



MAGNESIUM  
CHLORIDE POWDER





# EXPORT QUALITY

Available in 1 kg and 50kg



Manufactured & Marketed By :

**BALAJI MINECHEM**

Address: Office No : 209, Second Floor, Riddhi Siddhi Arcade-III, Plot No : 120,  
Sector -8, Behind Arjan Mall, Gandhidham, Kachchh - 370201  
Email: [info@balajiminechem.com](mailto:info@balajiminechem.com)





## Technical Data Sheet

**Product - Magnesium Chloride Hexahydrate (MgCl<sub>2</sub> 6H<sub>2</sub>O)**

**Report Date - 25.07.2021**

	Minimum	Maximum
Appearance	White to Off white	White to Off White
Magnesium Chloride (as MgCl <sub>2</sub> 6H <sub>2</sub> O),Percent by mass	98.0	99.0
Magnesium Chloride (as MgCl <sub>2</sub> ),Percent by mass	46.5	47.5
Matter insoluble in water,Percent by mass	0.01	0.01
Sulphur, Percent by mass	0.3	0.5
MgSO <sub>4</sub> , Percent by mass	0.5	1.5
Calcium (as Ca), percent by mass	0.01	<0.02
Iron (as Fe), PPM	10	<30
Heavy metals (as Pb), PPM	<1.0	<2.0
Boron (as B), PPM	<33.562	<50.0
Nickel, PPM	<5.0	<10.0
Arsenic, PPM	NIL	NIL
Acidity (as HCl), percent by mass	Passes Test	Passes Test
Alkali Chloride (as NaCl), percent by mass	<0.5	<1.0
Potassium, percent by mass	< 0.3	< 0.5
Ammonium Salts (as N)	<0.005	<0.006

**Packing Standard - 50 Kg PP / BOPP Laminated Woven Bags**



Address: Office No : 209, Second Floor, Riddhi Siddhi Arcade-III, Plot No : 120,  
Sector -8, Behind Arjan Mall, Gandhidham,Kachchh - 370201



info@balajiminechem.com



www.balajiminechem.com



+91-97271-29949





**JHPL FACTORY SITE OVERVIEW**



**MGCL FLAKES PRODUCTION AREA**





**BIOLER AREA FOR MGCL PRODUCTION**





**Mgcl2. 6H2O Sample Photo**





**$\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$  Sample Photo**





**BROMINE PRODUCTION UNIT COMING SOON..**