



شرکت ملی صنایع پتروشیمی  
شرکت پژوهش و فناوری پتروشیمی

PP CATALYST PROJECT

NPC-RT COMPANY

# MgCl<sub>2</sub> DATASHEET



**PP CATALYST PROJECT**

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**MAGNESIUM CHLORIDE DATASHEET**

Design book No. : page : 1 rev.: 0  
 Contr. Job No. :  
 Doc. No. :

1	<b>Chemical Name:</b>	<b>MAGNESIUM CHLORIDE Anhydrous</b>					
2	<b>Phase</b>	<b>Liquid</b>		<b>Solid</b>	√	<b>Gas</b>	
3		<b>Viscosity (cp)</b>	NA	<b>Mesh size (micron)</b>	1-100	0	
4		<b>Density (g/cm3)</b>	2.3	<b>Density (or bulk density)</b>	NA		
5							
6	<b>Commercial name</b>	<b>MgCl2</b>					
7	<b>CAS Number:</b>	<b>7786-30-3</b>					
8	<b>Application for</b>	<b>Synthesis</b>	<b>Analysis</b>	<b>indicator</b>	<b>Spectroscopy</b>	<b>GC, HPLC</b>	<b>Surfactant test</b>
9		√					
10	<b>Grade Standard</b>	<b>Industrial</b>			<b>Analytical</b>		
11		√					
12	<b>Composition</b>	<b>MgCl2</b>					
13	<b>Purity (wt% for L&amp;S, mol % for GC)</b>	<b>&gt;99.5%</b>					
14	<b>According to test method</b>	<b>ASTM</b>			<b>ISO</b>		
15		NA			NA		
16	<b>Impurity (%)</b>	<b>H2O &lt; 0.481% ; K&lt; 0.0031% ; Na &lt; 0.0031% ; Ca &lt; 0.0021% ; Si &lt; 0.0011% ; Fe &lt;0.0011%</b>					
17							
18							
19							
20							
21							
22	<b>According to test method</b>	<b>ASTM</b>			<b>ISO</b>		
23		NA			NA		
24	<b>MSDS</b>	<b>NO</b>			<b>NO</b>		
25							
26	<b>Specific gravity (H2O=1)</b>	2.3					
27	<b>Shelf life (Months)</b>	60					
28	<b>Packaging (type &amp; volume)</b>	25 kg in bag					
29							
30							
31							
32							
33							
34							
35							
36							