

## Mineral Fact Sheet

<b>Sodium chloride</b>																																				
<b>Formula:</b>	NaCl																																			
<b>CAS No.:</b>	7647-14-5																																			
<b>EC No.:</b>	231-598-3																																			
<b>Feed Materials Catalogue:</b>	11.4.1																																			
<b>Manufacturing Process:</b>																																				
Sodium chloride is obtained from underground rock salt deposits, from brine and from seawater (marine salt). Process steps can be: dissolution, evaporation, washing, separation, drying, calibration, grinding, treatments, etc.																																				
<b>Characteristics:</b>																																				
Appearance	white to grey crystals without odour																																			
Solubility at 20°C	358,5 g NaCl / 1000 g water																																			
critical humidity at 20°C	75,3 %																																			
	<table border="1"> <thead> <tr> <th></th> <th>Particle size</th> <th>Density</th> <th>Humidity</th> <th>NaCl</th> <th>Na</th> <th>pH (100gl)</th> </tr> </thead> <tbody> <tr> <td>Marine salt undried</td> <td>0,25-3,15 mm</td> <td>1,2 kg/l</td> <td>2,8 %</td> <td>99,8 %</td> <td>39,3 %</td> <td>6-7</td> </tr> <tr> <td>Marine salt dried</td> <td>0 - 1 mm</td> <td>1,2 kg/l</td> <td>0,05 %</td> <td>99,8 %</td> <td>39,3 %</td> <td>8-9</td> </tr> <tr> <td>Vacuum salt</td> <td>0,125-0,8 mm</td> <td>1,2 kg/l</td> <td>0,1 %</td> <td>99,9 %</td> <td>39,3 %</td> <td>6-7</td> </tr> <tr> <td>Rock salt</td> <td>0 - 4 mm</td> <td>1,0 kg/l</td> <td>0,05-0,8 %</td> <td>99,5 %</td> <td>39,1 %</td> <td>6-7</td> </tr> </tbody> </table>		Particle size	Density	Humidity	NaCl	Na	pH (100gl)	Marine salt undried	0,25-3,15 mm	1,2 kg/l	2,8 %	99,8 %	39,3 %	6-7	Marine salt dried	0 - 1 mm	1,2 kg/l	0,05 %	99,8 %	39,3 %	8-9	Vacuum salt	0,125-0,8 mm	1,2 kg/l	0,1 %	99,9 %	39,3 %	6-7	Rock salt	0 - 4 mm	1,0 kg/l	0,05-0,8 %	99,5 %	39,1 %	6-7
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Ash insoluble in HCl	1,7 % (rock salt)																																			
<b>Handling, storage, toxicity:</b>																																				
Non toxic																																				
Use saline - resistant materials																																				
Pneumatic handling possible																																				
Store in dry place (hygroscopic)																																				
<b>Specific information:</b>																																				
Na and Cl source, highly bioavailable, economically attractive mineral source, stable wide range of qualities adapted to different uses, appetizing agent, conservation agent for feed and forages (hay, silage), ideal carrier of many feed additives (minerals, trace elements) in particular as 'salt lick', free choice supplementation (animals have a definite appetite for salt)																																				

