

## TECHNICAL PRODUCT DATA PAGE

Date of Issue : 17.02.2014

<input type="checkbox"/>	<b>PRODUCT NAME</b>	<b>MEINSALZ®food</b>			
<input type="checkbox"/>	<b>PRODUCTION PLACE</b>	Lake Salt in Şereflikoçhisar (Ankara/Turkey)			
<input type="checkbox"/>	<b>PRODUCTION PROCESS</b>	It is obtained from the lake water for crystallization and natural progressive evaporation			
<input type="checkbox"/>	<b>CHEMICAL PHYSICAL PROPERTIES ( DATA OF LITERATURE )</b>				
<b>APPEARANCE</b>	White Crystalline Grains	<b>FORMULA WEIGHT</b>	58.45 g/mole	<b>CAS NUMBER</b>	7647-14-5 (*1)
<b>CHEMICAL NAME</b>	Sodium Chloride	<b>BULK DENSITY</b>	1.2 t/mc	<b>EINECS NUMBER</b>	231-598-3 (*2)
<b>MOLECULAR FORMULA</b>	NaCl	<b>SOLBILITY IN WATER (20°C)</b>	360 g/l		

**ADDITIVES**

The product may be added on buyer's request anticaking agent e535(Sodium ferrocyanide)(\*3) and Potassium Iodate. The presence of the additives should be declared by the producer and/or indicate on the packaging. For further information you have to contact our Sales Dpt.

### CHEMICAL PROPERTIES OF THE PRODUCT

Analytical Data	Typical Values	Max Values	Analytical Methods
%Conventional Moisture at 110°C	0.1	0.4	ISO 2483-1973 "Determination of the loss mass at 110°C"
%Insoluble matter in water	0.028	0.01/0.03	ISO 2479-1972 "Determination of matter insoluble in water or in acid and preparation of principal solution for the other determination."
%Insoluble matter in HCl	<0.01	≤0.03	
pH (Aqueous solution 100g/l)	7.5	7.0/8.0	Potentiometry the determination must be performed within 30 minutes from the preparation of the solution.
%Calcium	0.12	0.12/0.15	ISO 2482-1973 "Determination of Calcium and magnesium content - EDTA complexometric methods."
%Magnesium	0.03	0.01/0.05	
%Sulphate	0.37	0.3/0.4	ISO 2482-1973 "Determination of sulphate content - Barium Sulphate gravimetric method."
%Potassium	0.0184	0.014/0.020	Determination of Potassium content by Atomic Absorption Flame Emission Spectrophotometer
%Sodium Chloride	99.5	99.4/99.8	CX STAN 150-1985, Rev. 1-1997 Amed. 1-1999, Amed. 2-2001. (indirect calculation) "This method allows the calculation of sodium chloride content on the basis of the result of the determination of sulphate, calcium and magnesium, potassium, matter insoluble in water and loss on drying."

### PHYSICAL PROPERTIES OF THE PRODUCT

<b>BULK DENSITY</b>	g/cm3	1,20
<b>WHITNESS</b>		white
<b>APPEARANCE</b>	visual	free flowing white granule
<b>PARTICLE SIZE</b>		Range
<b>meinsalz®food-1</b>	mm	0-1,0
<b>meinsalz®food-2</b>	mm	0,90-1,25
<b>meinsalz®food-3</b>	mm	1,25-2,0

THESE VALUES ARE THE AVERAGE OF A SERIES OF CHEMICAL-PHYSICAL CONTROLS MADE OUT OF OUR CONTROL QUALITY LABORATORY. CONVENTIONAL MOISTURE MAY VARY marginally FROM THE INDICATED VALUES DEPENDING ON THE ENVIRONMENTAL CONDITIONS DURING STOCKAGE. THE PRESENT MATERIAL DATA SHEET IS NOT INTENDED TO ENSURE THE SUITABILITY OF THE PRODUCT FOR THE USE OF WHICH IS DESTINED, AND THEREFORE THE BUYERS ISN'T EXEMPTED OF MAKING HIS OWN CONTROLS BEFORE USE.

1-Chemical Abstracts Service Registry Number.

2-European Inventory of Existing Commercial Chemical Substances.

3-Analytical Method: Determination of water soluble Hexacyanoferrate(II) - Prussian blue photometric method. ESPA/CN-111-1996.