



P R O D U C T S P E C I F I C A T I O N

Product name: SALTECH TABLET packed in 25 kg plastic sacks

Article number: 90384

Recipe: The tablets are pressed from salt
(thermo salt or vacuum salt)

Analyse	sodium chloride	NaCl	99,8 %	
vacuum salt:	sulphate	SO ₄ ²⁻	400 mg/kg	± 200 mg/kg
	potassium	K ⁺	700 mg/kg	± 200 mg/kg
	calcium	Ca ²⁺	4 mg/kg	± 2 mg/kg
	magnesium	Mg ²⁺	1 mg/kg	± 1 mg/kg
	bromide	Br ⁻	90 mg/kg	± 30 mg/kg
	iodide	J	< 1 mg/kg	
	iron	Fe	1,5 mg/kg	± 0,5 mg/kg
	water-insoluble residue		10 mg/kg	± 5 mg/kg
	moisture content	H ₂ O	0,015 %	± 0,01 %
	acid consumption up to			
	pH 8,2 / 10 g		< 0,01 mVal	

Bulk weight of
tablets: 1,150 kg/l ± 0,02 kg/lTablet dimensions cushion shape 25 x 23 x 15 mm
and weight: tablet weight 11 g ± 0,5 g
fines <5mm < 4 %

Standards: The salt tablets comply with the requirements of the DIN EN 973:2002 German Industrial Standard "sodiumchloride for regeneration of ion exchangers Typ A".

Limits for toxic substances: The regeneration salt is free from "toxic substances", as defined in the EC guideline 80/778/EWG dated 15 July 1980.

Chemical and physical characteristics:		sodium chloride NaCl
	CAS No.	7647-14-5
	molecular weight	58,44
	melting point	801°C
	boiling point	1461°C
	density	2,1615 g/cm ³
	water solubility	20°C 360 g/l 80°C 380 g/l

WGK (water hazard class):
No hazardous goods in the sense of the transport regulations.

Information for processing:
In the normal contact with the product, no health hazardous effects have been noted so far.

Eye contact: rinse with water
Swallowing (a larger quantity): in case of nausea, call for medical assistance.

LD50(orally, rat): 3000 mg/kg

Acute toxicity for: values taken from literature:

lower aquatic organisms	4,0 - 15,3 g/l
cold blooded vertebrates	2,5 - 20,0 g/l
warm blooded vertebrates	3,75 - 614,0 g/kg

If handled and used with proper care, no ecological problems should be expected. Strong concentrations in waste water may have a negative effect on the functioning of biological sewage plants. NaCl solutions are corrosive.

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