

PHARMASAL



SALINEN AUSTRIA

PHARMACEUTICAL SALT

Sodium Chloride API & HD

AUSTRIAN QUALITY





PHARMASAL **API**

Pharmaceutical Salt as Active Pharmaceutical Ingredient

Highest standard for pharmaceutical products requiring the highest purity and GMP-certification.



PHARMASAL API

- ◆ complies with Ph. EUR, BP, USP, JP
- ◆ API-quality
- ◆ GMP-certified
- ◆ CEP-certified
- ◆ complies with ICH-Q7
- ◆ free from bacterial endotoxins (pyrogen free)
- ◆ registered in various countries



Typical applications of PHARMASAL API are IV-solutions, injectables, applications in biopharma, parenteral dosage forms, peritoneal dialysis solutions, penicillin production, fractionation of blood plasma or as active pharmaceutical ingredient for various medical products. Furthermore PHARMASAL is also particularly suitable for cosmetics, skincare and wellness products, for inhalation in salt rooms and a variety of industrial applications requiring the highest purity.



PHARMASAL API is manufactured by Salinen Austria AG for all medical applications, which require Sodium Chloride as an active pharmaceutical ingredient. Such as infusions, injection, parenteral dosage forms and others. Also it is especially used in Biopharmaceutical production. Furthermore PHARMASAL is suitable in dialysis products, if GMP-certificate is requested.

PHARMASAL API packaging options										
Bag size	Euro pallet					Container pallet				
	No. of bags per pallet	Art.Nr.	Net weight per pallet	FTL*		No. of bags per pallet	Art.Nr.	Net weight per pallet	FCL 20"	
10 kg	96	92763	0,96 to	23,04 to	24 pal					
25 kg	40	92764	1,00 to	23,00 to	23 pal	40	92768	1,00 to	24,00 to	24 pal
50 kg	21	92770	1,05 to	23,10 to	22 pal					
1.000 kg	1	92324	1,00 to	23,00 to	23 pal	1	92715	1,00 to	10,00 to	10 pal

* Net weight may differ due to legal regulations and/or truck type.

Compliance with the requirements in accordance to Pharmacopoeia is confirmed by a Certificate of Analysis (CoA) for each production batch.



PHARMASAL **HD**

Pharmaceutical Non-GMP-Certified Salt

Highest purity for various applications



- PHARMASAL HD**
- ◆ complies with Ph. EUR, BP, USP, JP
 - ◆ produced according to GMP-guidelines (no CEP/GMP certificates issued)
 - ◆ free from bacterial endotoxins (pyrogen free)



PHARMASAL HD is suitable for haemodialysis- and haemofiltration solutions, nutrition, O.R.T. or for inhalation in salt rooms, that require no GMP/CEP-certification*. Furthermore PHARMASAL HD is used for cosmetics, skincare and wellness products, additives, corrosion-tests and a variety of other applications requiring highest purity Sodium Chloride.



PHARMASAL HD pharmaceutical salt is exclusively made of pure dried vacuum salt from the mountains of Salzkammergut - Bad Ischl, Altaussee and Hallstatt, a UNESCO World Heritage Region - produced in an environmental friendly and sustainable way. The production is fully automated in one of the most modern production facilities in Europe.

* depending on country-specific law

PHARMASAL HD packaging options									
Bag size	Euro pallet				Container pallet				
	No. of bags per pallet	Art.Nr.	Net weight per pallet	FTL*	No. of bags per pallet	Art.Nr.	Net weight per pallet	FCL 20"	
25 kg	40	92766	1,00 to	23,00 to 23 pal	40	92769	1,00 to	24,00 to	24 pal
1.000 kg	1	92866	1,00 to	23,00 to 23 pal	1	92866	1,00 to	10,00 to	10 pal

* Net weight may differ due to legal regulations and/or truck type.

Compliance with the requirements in accordance to Pharmacopoeia is confirmed by a Certificate of Analysis (CoA) for each production batch.

SALTECH salt for water treatment

- ◆ highest purity
- ◆ EN 973 Type A for water softening for human consumption
- ◆ EN 14805: 2008, Type 1
- ◆ Biocide VO (EU) No 528/2012



Salinen Austria AG
 Steinkogelstraße 30
 4802 Ebensee am Traunsee, AUSTRIA
 Tel.: +43 6132 200-0
 Fax: Ext. 4100
 matthias.durst@salinen.com
 www.salinen.com/saltech



AUSTRIAN QUALITY

SALINEN AUSTRIA AG

Salinen Austria AG is one of Europe's leading salt producers. Focusing on speciality salts, the company is carrying a 7,000-year tradition of salt mining in the Salzkammergut region into the future. Its roots can be traced back to the acquisition of ownership rights by Emperor Frederick III in 1449. Salinen Austria was state owned for many years until converting into a joint stock company in 1979 and being fully privatised in 1997.

The company based in Ebensee, at the Traunsee lake in Upper Austria, currently has 470 employees in Austria, with 50 more working in sales offices in southeastern Europe. Production amounts to 1.2 million tons of salt and the export ratio is 55 percent. To ensure this quantity can be managed, Salinen Austria AG has own warehouses with a total capacity in excess of 300,000 tons for bulk material.

Salinen Austria AG stands for high expertise in the salt area; its products are based on quality, purity, roots and tradition. Products are made from the purest vacuum salt and top quality natural salt from Bad Ischl, Altaussee and Hallstatt in the mountains of the Salzkammergut. Sustainable, environmentally compatible production is our top priority. Production is fully automated at one of the most modern salt extraction plants in Europe. Pure, high quality vacuum salt from Salinen Austria AG is highly versatile and used in a range of product lines. The product range covers everything from table salt and pickling salt for the commercial sector and food industry to high purity pharmaceutical salt for medical applications, salt tablets for water treatment, animal salt, salt licks, industrial salt for chlorine electrolysis and de-icing salt for clearing roads in winter. Potassium sulphate, a by-product of salt production, is used among others as fertiliser in organic farming and garden centres.



SALINEN AUSTRIA AG is certified according to GMP, IFS, QS, ISO 9001, ISO 14001, etc. and guarantees the highest quality standards. Highly modern production processes and our qualified experts ensure a consistently high product quality, highest purity and full traceability. Our products comply with the applicable standards & quality criteria and meet the highest requirements.

Salinen Austria AG
Steinkogelstraße 30
4802 Ebensee am Traunsee, AUSTRIA
Tel.: +43 6132 200-0
Fax: Ext. 4100
matthias.durst@salinen.com
www.salinen.com/pharmasal