SANISAL P and SANITABS

Product data sheet

Regeneratives for hygienic and clean water softening systems

For the warranty and proper functioning

Active substances and analysis devices may only be used for their intended purposes. Active substances and reagents have a limited shelf life.

Intended use

SANISAL and SANITABS were developed by BWT for the hygienic regeneration of water softening systems in wide-ranging applications.

The SANISAL/SANITABS product line includesfour compositions suited especially for therequirements of different users.

SANISAL P for:
Pharmaceutical industry, cosmetic industry, hospitals, retirement homes and nursing homes, schools, sports facilities, hotels, barracks as well as food and drinks industry

SANITABS for:
Private households

For the applications that SANISAL P is suited to, BWT recommends the continuous use of regenerative salt with a hygienic cleaning effect to guarantee theeffectiveness of the product.

SANITABS for private use can also be replacedalternatively with conventional regenerative salt.

Product description

SANISAL/SANITABS is a type A regenerativ salt (in accordance with EN 973) in tablet form, consisting of sodium chloride (table salt), whichis mixed with a sodium chlorite additive into tablets.

By adding SANISAL/SANITABS, hygienically cleaning chlorine dioxide is created in the brinecontainer. During regeneration further chlorine dioxide is formed in the electrolysis cell, which hygienically cleans the ion exchanger bed.
The build-up of germs and deposits (biofilm) on the ion exchange resin in the softening column is reduced or inhibited.

Since the cleansing chlorine dioxide forms inthe brine container, the patent pending hygieneeffect from SANISAL/SANITABS also works insofteners without electrolysis cells.

With subsequent rinsing, the germs that were killed offare completely removed from the softener,along with the regenerative salt residue.

Hygiene in the softener is guaranteed bycontinuous cleaning.

Odour test
After a short time, SANISAL/SANITABS products develop a fresh, slightly sweet hygienic odour in the brine container, which is clearly different to the odour from conventional brine.

Optical test
The hygienic effect of SANISAL/SANITABS is even apparent in the brine container, which can be detected visually by a light yellow colouring, typical of chlorine dioxide.

Specifications

Appearance:	square, white tablets
Odour in dissolved state:	fresh, slightly sweet
Tablet dimensions:	25 x 25 mm
Sodium chloride content in regenerative salt tablets:	> 99.4%
Bulk density:	Approx. 1110 kg/m³
pH value (10 g/l at 20 °C):	8.0 ± 0.3
Solubility (water):	360 g/l

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Delivery unit

SANISAL P	20kg sack
Order no.:	94240
SANITABS	8kg sack
Order no.:	94241

Storage

Store SANISAL/SANITABS in a dry place andkeep away from children.
Shelf life: 2 years after date of production.

Safety instructions

For safety instructions, refer to the safety datasheets or labels. See www.bwt.com for safetydata sheets.

Application

Simply add products from the SANISAL/SANITABS product line instead of conventional regenerative salts to the storage area ofthe softener and operate it as usual. Residue from conventional regenerative saltsthat may be present does not pose a problem.

Before the first use of SANISAL/SANITABS in an existing system, a sanitisation with Dioxal by a BWT service technician is to be carried out. An initial increase inthe number of germs due to the separation ofthe existing biofilm is to be expected.

Notes

To guarantee optimal effectiveness, a full sack of SANISAL/SANITABS should always be emptied into the storage area.
There should be no acidic cleaning agents (e.g. BWT IOCLEAN) or other active substances with acidic pH valuesin the storage area.
If this is the case, the area should be cleaned thoroughly with water before adding SANISAL/SANITABS.

BWT IOCLEAN and SANITABS or SANISAL can be applied one after the other. In this case, it must be ensured that SANITABS or SANISAL is completely used up before BWT IOCLEAN is introduced and that a total of 15 regenerations with standard regenerating salt have taken place between the last SANITABS or SANISAL regeneration and the introduction of BWT IOCLEAN. After the introduction of BWT IOCLEAN, a total of 15 regenerations with standard regenerating salt must also have taken place before SANITABS or SANISAL can be used again.

When using SANISAL/SANITABS in softening systems that are not from BWT, the user must check that all materials coming into contact with the product are resistant to chlorine dioxide.

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