

# Britebleach SPC tablets

## Sodium percarbonate coated Tablets

CAS nr: 15630-89-4  
Einecs nr: 239-707-6  
EPA nr: 68660-8

### Product information

Synonyms: sodium carbonate peroxyhydrate; sodium carbonate peroxide,  $\text{Na}_2\text{CO}_3 \cdot 3\text{H}_2\text{O}_2$ , prills

Sodium percarbonate tablets emit active oxygen upon contact with water, for example for the cleaning of plastic packaging material before re-use. Although SPC is a hazardous chemical, in tablet form it is safely and easily administered to water. Alternatively, SPC tablets are put in the area to clean and water is added afterwards. We can add inert chemicals to the tablets to control the SPC content in the tablets and thus the active oxygen released. Also the dissolution rate of the tablets can be made to specification (fastest solution within 185seconds / 0.45g tablet).

Tablet sizes: 6 - 12mm diameter, around 5mm thickness  
Tablet weight: 0.45g / 0.90g / 1.45g

### Product specifications

	Unit	tablets SPC blend with soda ash, sulphate or bicarbonate	tablets	tablets
Appearance		White free flowing tablet	White free flowing tablet	White free flowing tablet
Odour		Odourless	Odourless	Odourless
Active Oxygen	%	3.0 - 4.5	10.0 - 13.0	min. 13.0
Bulk Density	g/l	800-1150	800-1150	800-1150
Moisture	%	max. 1.00	max. 1.00	max. 1.00
pH, 3% solution		7 - 8	10 - 11	10 - 11
Breakage rate	%	max. 5.0	max. 2.0	max. 2.0

[Change specifications](#)

## Commercial

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Packaging:

20kg bags in boxes

Lead time:

4 weeks(freshly produced)

## Technical

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All Britebleach SPC particles inside the tablets are coated with a strong water-soluble layer. This coating withstands the tablet-pressing force and thus makes the product stable in dry form. Our tablets are round and smooth. This combination of strong coating and smooth tablets causes low breakage when tablets move against each other. It is further important that the coated SPC-particles inside the tablets maintain undamaged and do not emit SPC and oxygen before they are applied. Only in contact with water the coating dissolves and the active oxygen comes available.

SPC is available with several coating types:

- close-to-perfect spherical particles resulting in evenly distributed coating with uniform thickness; especially applicable for low attrition, for example when pressing of (dish washing) tablets; under pressure coatings are more prone to damage (active oxygen content minimum 13.0%)
- crystalline particles with standard coating at lower cost (active oxygen content still minimum 13.0%)
- spherical particles with extra thick coating (active oxygen content minimum 12.5%)

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