

Oxyper® SCB, SCBX Sodium Percarbonate Blend 60:40

Description

Oxyper® SCB, SCBX are blends of sodium percarbonate (sodium carbonate peroxyhydrate) and sodium carbonate designed for use in bleach additive products. It combines the properties of hydrogen peroxide and sodium carbonate in an easy to use free flowing white granular powder with excellent water solubility and high rate of dissolution. Additionally, **it is not classified as an oxidiser and therefore not subject to the related transport and packaging regulations.**

The bleaching action of Oxyper® SCB, SCBX maintains fabric whiteness and colour brightness while effectively removing wine, fruit, coffee, tea and other oxidisable stains without damaging fibres. The alkalinity, the buffering capacity and water softening properties of sodium carbonate provide additional cleaning benefits, such as helping the removal of natural fatty soils.

Some applications of this product may be regulated or restricted by national or international standards (e.g. for food or feed additives, water treatment, the cosmetic or the pharmaceutical industry, etc). The buyer and the eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual property rights; and shall comply with the laws and the regulations applicable to our products and/or to his activity. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use.

For other applications of Sodium Percarbonate, please contact your local Solvay office or visit our website www.persalts.com.

Plants: Rosignano (Italy)

Standard Specification

Product Name: Oxyper® SCB, SCBX

Product characteristics:

Content	Unit	Value	Method of analysis
Available Oxygen (AvOx)	%	7,2 – 8,6	1.1.2 Avox by KMnO4-titration
Bulk density	g/l	900-1200	1.1.22 Bulk density
Particle size < 150 µm	%	Max. 6	1.1.39 mps and span calculation
Mean particle size (MPS)	µm	500 – 800	1.1.39 mps and span calculation
Rate of dissolution in water (2g/l; 15°C; 350 rpm)	%	Min. 90% (after 2 min)	1.1.23 Rate of dissolution at 15°C

Please contact us for further information on product characteristics (methods of analysis, etc).

Identification

Product Name	Oxyper® SCB, SCBX
Substance Name 1	Sodium carbonate peroxyhydrate
Synonyms	PCS, SPC, Sodium percarbonate
Molecular weight	314
CAS Number	15630-89-4
EC Number (EINECS)	239-707-6
Content	~60%
Substance Name 2	Sodium carbonate
Synonyms	Soda ash
Molecular weight	106
CAS Number	497-19-8
EC Number (EINECS)	207-838-8
Content	~40%

Oxyper® SCB, SCBX Sodium Percarbonate Blend 60:40 **Physical and chemical characteristics**

Characteristic	Unit	Value
Appearance	-	White, crystalline granules
Alkalinity	pH	10,6 -10,8
Solubility in water (@20°C)	g/l	>200

 Packaging characteristics

BigBags and PE-Sacks

 Storage and Safety


Oxyper® SCB, SCBX can be decomposed by water, direct sources of heat, catalysts etc. Decomposition is accompanied by the liberation of oxygen and steam which can support combustion and cause pressure bursts in confined spaces. Decomposition in the presence of incompatible materials like organics can be rapid and highly exothermic.

- **Avoid contamination by moisture, dirt or other chemicals.**
- **Keep away from organic material, acids, alkalis, reducing agents and metallic contamination.**
- **Protect from direct sunlight and keep away from heat sources**
- **Store packed material in a dry area.**

Please contact Solvay for further information on packaging characteristics, product handling and storage.

Wear gloves, dust mask and goggles when handling the product. Practice good industrial hygiene. Only use equipment made of suitable materials, e.g. plastic, glass, stainless steel. Consult our MSDS.

Labelling according to Regulation (EC) 1272/2008

Hazardous Components		Sodium carbonate peroxyhydrate
Signal Word		DANGER
Hazard symbols		
Hazard statements	H302 H318	Harmful if swallowed Causes serious eye damage
Precautionary statements	Refer to Safety Data Sheet according to Regulation EC No. 1907/2006	

Transport information

- **Not subject to the regulations for the transport of dangerous goods**

To our present knowledge, the information contained herein is accurate as of the date of this document. However, neither SOLVAY nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right. The user alone must finally determine suitability of any information or material for any contemplated use, the manner of use in compliance with relevant legislations and whether any patents are infringed. Solvay reserves its right to make additions, deletions, or modifications to the information at any time without prior notification.