

Technical Data Sheet

Version: 2.0
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Date: 18 / 6 / 2026



Item Name:

SPC

PRODUCT INFORMATION

Chinese Name:	过碳酸钠
Commodity Name:	Sodium Percarbonate
Chemical Name:	Sodium Carbonate Hydrogen
Other Name:	Solid Hydrogen Peroxide
CAS No.:	15630-89-4
Molecular Weight:	314.02
Molecular Formula:	$2\text{Na}_2\text{CO}_3 \cdot 3\text{H}_2\text{O}_2$
DG Class:	5.1
UN No.:	3378

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White granular powder
Available oxygen by wt %	13.0 min
Moisture by wt %	1.0 max
Heat stability by wt %	95 min
pH value	10 - 11
Fe by ppm	20 max
Mesh size	20 - 80
Bulk density by g/mL	1.0 - 1.2

MAIN APPLICATION

Function in detergent system: To replace sodium perborate in detergent formulation, with lower price, faster dissolving speed and better performance in cold weather and area. Using sodium percarbonate can also avoid the influence of sodium perborate to agriculture products; Using sodium percarbonate can get the functions of bleaching, sterilization and disinfection for detergent system; Prevent fabrics from turning yellow after being washed many times.

Function in food and feed industry: 1% water solution of sodium percarbonate can prolong the shelf life of fruits and vegetables; To replace calcium oxide in aquaculture, also can keep the fish, shrimp, and crabs fresh during the transportation.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg/1200kg PP bag with PE liner

Loading: 24mt~26mt/20'fcl

Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.

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PRODUCT IMAGE



White Granular Powder Pic

* The image shown here is indicative only. The actual product may differ.

PACKING, STORAGE AND LOADING



* 25kg PP woven bags with PE liner Pic



* Loading Pic

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