

Sodium percarbonate coated

APPLICATION DATA SHEET

SODIUM PERCARBONATE (Synonyms: sodium carbonate peroxyhydrate, sodium carbonate peroxide, PCS) is a free-flowing powder with a common name of solid hydrogen peroxide, it is an addition compound of sodium carbonate and hydrogen peroxide.

Percarbonate has an active available oxygen content which is equivalent to 27.5% H₂O₂. It breaks down to oxygen, water and sodium carbonate upon decomposition. It's an environmentally safe bleaching agent. Coated sodium percarbonate is the more commonly commercialized peroxide compared with the uncoated type. The coated sodium percarbonate is the crystals coated with single or multiple layers of various substances in order to increase active oxygen stability and optimize storage and ensiling properties.

Chemical name: **Disodium carbonate compound with hydrogen peroxide (2 : 3)**

Chemical formula: **Na₂CO₃·1.5H₂O₂** (156.982 g/mol)

CAS/EINECS number: **15630-89-4/239-707-6**

Custom code (TARIC): **28369990**

ADR class: **5.1**

SPECIFICATIONS

Code	1504
Active oxygen	max 13,3 ± 0,4 %
Sodium carbonate	60 ± 5 %
Loss on drying	max. 0,8 %
Bulk density	1200 – 1270 g/cm³
Grain size distribution	1,60 mm ... max. 1 % 1,60 – 0,15 mm ... min. 98 %
Packing	PE 25 kg bags or 1000 kg PP big bag with PE liner on pallets. Pallet dimension – 120 x 80 cm
Remarks	Average size of granules can be determined on consumer's wish.
Application	Percarbonate is used as an activated oxygen component in detergents, bleaches and cleaning agents.

Note: All of the above results are based on the analysis of a composite sample. Individual samples may fall outside the specified typical.



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