**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: \( \text{Na}_2\text{CO}_3 \cdot 1.5\text{H}_2\text{O}_2 \) (156.982 g/mol)
CAS/EINECS number: 15630-89-4/239-707-6
Custom code (TARIC): 28369990
ADR class: 5.1

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>1504</th>
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</thead>
<tbody>
<tr>
<td>Active oxygen</td>
<td>max 13.3 ± 0.4 %</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>60 ± 5 %</td>
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<tr>
<td>Loss on drying</td>
<td>max. 0.8 %</td>
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<tr>
<td>Bulk density</td>
<td>1200 – 1270 g/cm³</td>
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</tbody>
</table>
| 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.