

	Joint Stock Company «PERCARBONAT» 429952, 101D Promishlennaya, Novocheboksarsk, Chuvash Republic, Russia. Tel: (8352)74-14-55, fax: (8352)74-58-85 e-mail: percarbonat@percarbonat.ru	Technical Data Sheet	Preparation date:21/04/2014 Page 1
---	---	-----------------------------	---

Description

Sodium percarbonate is an environmentally safe bleach. It is white stabilized and coated granules for use in chemical industry with a wide range of applications:

- bleaching cleaning and stain removal agent for detergent powders and automatic dishwashing detergent formulations
- bleaching agent for textile and paper industry
- stain remover agent for stain remover products
- oxidizer disinfectant for a variety of industrial cleaning applications

Sodium percarbonate effectively removing tea, coffee, vine, fruit, and other stains without damaging fabric and safe color.

Plant: Novocheboksarsk (Russia)

Identification

Technical name	Sodium percarbonate technical encapsulated
Chemical name	Sodium Carbonate Peroxihydrate
Synonyms	Sodium percarbonate, disodium carbonate, compound with hydrogen peroxide (2:3), SPC
Molecular weight	314
CAS	15630-89-4
EC (EINECS)	239-707-6

Standard specifications

Items	Unit	Value
Available oxygen	%	13.3±0.4
Bulk density	g/l	1150-1250
Moisture	%	≤0.8
Particle size		
>1600µm	%	≤1
<150µm		≤2
Mean particle size (MPS)	µm	600-900

Physical and chemical properties

Characteristic	Value
Appearance, color	White free-flowing granules
Odor	Odorless
pH, 1%	10.5-10.7
Solubility in water	
At 20°C	150 g/l
At 30°C	175 g/l
Decomposition temperature (Self-accelerating decomposition temperature (SADT))	>75°C

	<p>Joint Stock Company «PERCARBONAT» 429952, 101D Promishlennaya, Novocheboksarsk, Chuvash Republic, Russia. Tel: (8352)74-14-55, fax: (8352)74-58-85 e-mail: percarbonat@percarbonat.ru</p>	<p>Technical Data Sheet</p>	<p>Preparation date:21/04/2014 Page 2</p>
---	--	------------------------------------	--

Packing: Big-bags 1000 kg, bags 25 kg

Storage

Avoid contact with water, alkalis, dispersed-element salts (heavy-metal salts), reducing agents and organic materials, contaminants.

Protect from direct sunlight, keep away from heat sources.

Store packed material in covered warehouses equipped ventilation system at temperature $\leq 35^{\circ}\text{C}$.

Safety and Handling

Oxidizer. Causes eye and skin irritation. May cause inflammation in contacting with combustible materials. Keep only in the original container. Store in receptacle equipped with a vent.

Personnel should wear gloves, eye and face protection, and suitable protective clothing. Do not smoke in work area. First aid measures:

Take the injured person to a safe place and supply fresh air.

After inhalation: Fresh air, rest and warm environment. Wash mouth, nose and throat with water, where possible. Consult doctor in case of symptoms.

After skin contact:

Remove contaminated clothes and/or footwear and rinse thoroughly affected skin areas with water. Wash the removed clothes and/or footwear to reduce fire hazard.

After eye contact: remove contact lenses if used. Rinse opened eye(s) with water for 15 minutes. Seek immediate medical advice.

After swallowing: place the injured person in reclined position. Wash mouth with water. Don't cause vomiting. Let him/her drink as much water as possible. Seek immediate medical advice.

Customer Service

To obtain general information, technical assistance, please call or write:

JSC "Percarbonat", 429952, 101D Promishlennaya, Novocheboksarsk, Chuvash Republic, Russia.

Tel: (8352)74-14-55, (8352)74-00-53, fax: (8352)74-58-85

e-mail: percarbonat@percarbonat.ru, glotova@percarbonat.ru