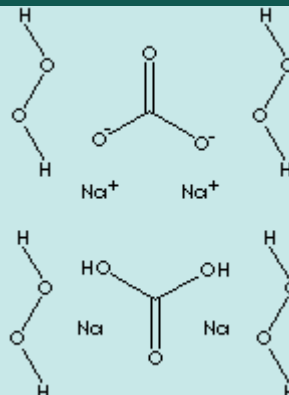


SODIUM PERCARBONATE

PRODUCT IDENTIFICATION

CAS NO.	15630-89-4
EINECS NO.	239-707-6
FORMULA	$2\text{Na}_2\text{CO}_3 \cdot 3\text{H}_2\text{O}_2$
MOL WT.	316.04
H.S.CODE	2836.99



DERIVATION
CLASSIFICATION
TOXICITY

SYNONYMS Sodium Carbonate Peroxyhydrate;
Carbonic acid disodium salt, compound with hydrogen peroxide(2:3); PCS; Sodium Carbonate Peroxide

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	white granular powder
MELTING POINT	
BOILING POINT	
SPECIFIC GRAVITY	1.00-1.17
SOLUBILITY IN WATER	120 g/l
pH	apprx 10.5 (1% Sol.)
FLASH POINT	
NFPA RATINGS	
STABILITY	

APPLICATIONS

Oxidising and bleaching agents in cleaning, cosmetic and pharmaceutical preparations but their main application is in detergents. Booster for low-phosphate products. Provides alkali to assure optimum pH for bleaching. Releases Hydrogen Peroxide in water. Economically replaces hazardous chlorinated isocyanurates, calcium hypochlorite and chlorinated phosphates. Reduces fabric damage, maintains dye integrity, and eliminates toxic residues associated with chlorine.

SALES SPECIFICATION

APPEARANCE	Free flowing white granular powder
ALKALINITY (Na_2CO_3)	67.0% min
Fe	10ppm max
OXYGEN	13.0% min
MEAN PARTICLE SIZE	350-500 μm

TRANSPORTATION

PACKING	25kgs in Bag , 20mts/container (18mts/container if palletized)
HAZARD CLASS	5.1 (Oxidizer)
UN NO.	2467
REMARKS	