



# Product Specification

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## SODIUM PEROXIDE GRANULAR

PRODUCT CODE	221545
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1313-60-6)
ATOMIC OR MOLECULAR FORMULA	$\text{Na}_2\text{O}_2$
ATOMIC OR MOLECULAR WEIGHT	77.98
PROPERTIES	Avoid contact with organic materials; fire or explosion may result. Stored



PARAMETER	LIMIT
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Description	Slightly yellow hygroscopic granules.
Minimum Assay (By titration of reducing power against Permanganate)	95.0%

### MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.002%
Nitrogen compounds (N)	0.003%
Phosphate (PO <sub>4</sub> )	0.0005%
Sulphate (SO <sub>4</sub> )	0.001%
Iron (Fe)	0.005%
Heavy metals (as Pb)	0.002%

<b>Caution :</b> Sodium peroxide reacts violently with water or moisture producing heat sufficient to ignite organic material. Contact with moist organic material or living tissues should therefore be avoided.to do. Continue rinsing.	IMDG Code : 5.1/I UN No. : 1504 IATA : 5.1
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**Note(s) :** 1] Assay (if applicable) method mentioned.  
2] When dissolving sodium peroxide, the material should be added slowly and in small portions to well-cooled water; when neutralizing , the acid must be added cautiously in small portions, and the solution kept cool.

**Hazard Pictogram(s) :**



GHS03



GHS05