



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\PS\20260XPS.xls
PRODUCT CODE	20260
PRODUCT NAME	SODIUM PEROXIDE GRANULAR AR,ACS (Min. 95%)
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1313-60-6)
ATOMIC OR MOLECULAR FORMULA	Na ₂ O ₂
ATOMIC OR MOLECULAR WEIGHT	77.98
PROPERTIES	Avoid contact with organic materials; fire or explosion may result. Stored in airtight containers in a cool place.
Na₂O₂	
PARAMETER	LIMIT
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 ₄)	0.0005%
Sulphate (SO ₄)	0.001%
Copper (Cu)	0.002%
Iron (Fe)	0.005%
Heavy metals (as Pb)	0.002%
Caution : 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.	

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.

R : 8-35	S : 8-27-39-45	IMDG Code : 5.1/I
	D: 25	UN No. : 1504
		IATA : 5.1

Hazard(s) :		
	OXIDISING	CORROSIVE

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 03.01.2009
Date : 01.01.2009	Date : 01.01.2009	Date : 03.01.2009	AMEND NO. : 1484

