

SODIUM IODATE

Sodu jodan



M = 197,89 g/mol

CAS: 7681-55-2

WE: 231-672-5



H: 272

P: 210

RID/ADR: 5.1, II

UN: 1479



Physical and chemical properties:

Character:	solid	Vapour pressure:	not applicable
Colour:	white	Density:	4,28 g/cm ³ (w 20°C)
Odor:	odorless	Bulk density:	approx 1150 kg/m ³
pH:	5,0 - 8,0 (50 g/l, H ₂ O)	Solubility:	
Melting point:	no data	in water:	81 g/l (20°C), 330 g/l (100°C)
Boiling point:	no data	in organic solvents:	soluble in acetone, insoluble in methanol
Auto-ignition temperature:	not applicable	log P _(OW) :	-7,18
Ignition temperature:	not applicable		
Explosion limits:	not applicable		

Sodium iodate pure

CHEM*428013101

50 g	100 g	Appearance	white, crystalline powder
250 g	500 g	Assay	min. 99,0 %
1 kg		Substances insoluble in water	max. 0,01 %
		Total nitrogen (N)	max. 0,004 %
		Chlorides i chlorates (as Cl)	max. 0,04 %
		Iodides (I)	max. 0,004 %
		Sulfates (SO ₄)	max. 0,01 %
		Copper and lead (Cu+Pb)	max. 0,002 %
		Potassium (K)	max. 0,04 %
		Iron (Fe)	max. 0,002 %

Sodium iodate pure p. a.

CHEM*118013102

25 g	50 g	Appearance	white, crystalline powder
100 g	250 g	Assay	min. 99,5 %
500 g	1 kg	Substances insoluble in water	max. 0,005 %
		pH (5%, 20°C)	5,0 - 8,0
		Total nitrogen (N)	max. 0,002 %
		Chlorides i chlorates (as Cl)	max. 0,02 %
		Iodides (I)	max. 0,002 %
		Sulfates (SO ₄)	max. 0,005 %
		Copper and lead (Cu+Pb)	max. 0,001 %
		Potassium (K)	max. 0,02 %
		Iron (Fe)	max. 0,001 %