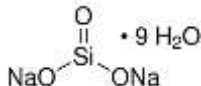


Product Information

SODIUM SILICATE HYDRATED POWDER (METAL)

Disodium metasilicate nonahydrate



Product Code	O-5298	Grade	Extrapure
Purity	98 %	CAS No	13517-24-3
Molecular Formula	Na ₂ O ₃ Si.9H ₂ O	Molecular Weight	284.20 g/mol
H.S.Code	2839.1100	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Colour	White
Melting point	48 °C	Density	1,910 g/cm ³
Solubility in water	210 g/l at 20 °C soluble	Partition coefficient: n-octanol/water	log Pow: -5,65
pH	12,4 at 10 g/l		

Packaging

500 gram

Specification

Appearance	Colorless or white to off white crystals/powder
Chloride (Cl)	max 0.05 %
Sulphate (SO ₄)	max 0.05 %
Iron (Fe)	max 0.005 %
Heavy metals (as Pb)	max 0.001 %
Loss on ignition (at 700 °C)	50 - 60 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07

Signal Word: danger

UN No.: 3253

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H290-H314-H335

Precaution Statement: P234-P260-P271-P280-P303+P361+P353-P305+P351+P338

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