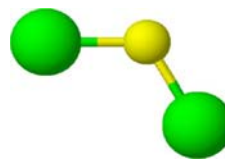


S2634IF	Platinum Line
nonahydrate	
Warranty certificate	
Assay (Oxidimetric)	min 98%
Ammonium (NH ₄)	0.005%
Chloride (Cl)	0.005%
Iron (Fe)	0.0005%
Lead (Pb)	0.002%
Sulphite & Thiosulphate (as SO ₄)	0.1%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	Na ₂ S.9H ₂ O
Synonym	Sodium monosulphide; Sodium sulphuret
Chemical group	Sulphides
Atomic weight	240.18
Appearance	Yellow to colourless lumps, flakes or deliquescent crystals
Solubility	Soluble in water and slightly in ethanol
Melting point	920°C
Boiling point	Decomposes
pH (aqueous solution)	12.7
Incompatible substances	Acids
Products of decomposition	Liberates toxic hydrogen sulphide in contact with acids
Other information	Hygroscopic. Discolours on exposure to air
Hazardous material	Flammable and irritant
Density (g/ml)	1.427

Laboratory preparation, applications and practices

Laboratory preparation	By heating sodium acid sulphate with salt and coal to above 950°C, extraction with water and crystallization
Usage	Analytical and synthesis reagent. Precipitation of heavy metals

Storage and handling information

Storage	Store in a dry, fireproof place separated from oxidants and acids
Safety phrases	26-45
Risk phrases	31-34
Disposal methods	3
Caution	May explode upon percussion or rapid heating

Transport regulations

Tariff code	2830.10.00
Hazardous class	8
Packing group	II
UN number	1849
ERG number	135
ECB number	215-211-5

