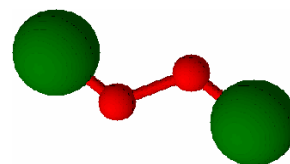


S260500**Platinum Line**

granular

Warranty certificate

Assay (Oxidimetric)	min 95%
Aluminium (Al)	0.001%
Calcium (Ca)	0.05%
Chloride (Cl)	0.002%
Iron (Fe)	0.005%
Lead (Pb)	0.002%
Phosphate (PO ₄)	0.0005%
Potassium (K)	0.2%
Sulphate (SO ₄)	0.001%
Total nitrogen (N)	0.02%
Total sulphur (S)	0.2%

**Packaging**

500g white plastic jar

Physical properties, composition and data

Chemical formula	Na ₂ O ₂
Synonym	Sodium dioxide; Sodium superoxide; Solozone
Chemical group	Peroxides
Atomic weight	77.98
Appearance	Yellowish white granular small pellets
Solubility	Soluble in water
Melting point	460°C with decomposition
Boiling point	657°C with decomposition
Density (g/ml)	2.805
Incompatible substances	Water, alcohols, acids, powdered metals, oxidisable materials and organic materials
Other information	Hygroscopic
Hazardous material	Organic peroxide and dangerous when wet

Laboratory preparation, applications and practices

Laboratory preparation	Prepared by heating sodium metal to 300°C in aluminium vessels with a current of air from which carbon dioxide has been removed
Usage	Analytical reagent. Powerful oxidising reagent for the decomposition of organic and inorganic samples by fusion

Storage and handling information

Storage	Keep container tightly closed and separated from incompatible, combustible substances, reducing agents and light metals
Safety phrases	8-27-39-45
Risk phrases	8-35
Disposal methods	8
Caution	Dangerous fire and explosion risk in contact with organic or readily oxidizable materials, water etc...

Transport regulations

Tariff code	2815.30.00
Hazardous class	5.1
Packing group	I
UN number	1504
ERG number	140

