T2005 BISMUTH CARBONATE (BASIC)
(Bismuth Subcarbonate)

For general enquiries please contact our
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Product Number	Packaging	Size
T200500100	Plastic Bottle	100g
T200500500	Plastic Bottle	500g

Other bulk and consumer pack sizes are available

Product Information

Synonyms	Bismuth Subcarbonate
Chemical formula	CBi_2O_5
Form	Powder
Colour	Light yellow
Odour	Odourless
Molar mass	509.97 g/mol
CAS number	5892-10-4

Physical and chemical data

Solubility	Insoluble
Melting point	2710 °C
Molar mass	509.97 g/mol
Density	6.86 g/cm^3
Bulk density	-
pH value	-
Specific Gravity	6.86

Safety information

Not an hazardous compound

Transport information

Not a DOT controlled material

Technical data

Bismuth content	80 – 82 %
Insoluble matter	0.05 Max %
LOD at 105°C	1.0 Max%
Chloride	0.05 Max %
Nitrate	0.4 Max%
Sulphate	0.1 Max%
Alkali & Alkaline earth salt	1.0 Max%
Silver	0.0025 Max %
Arsenic	0.0005 Max %
Copper	0.005 Max %
Iron	0.01 Max %
Lead	0.002 Max %

Uses

Laboratory chemicals.
Maufacturing of bismuth compounds
Cosmetics
Opacifier in x-ray diagnosis
Enamel fluxes
Ceramic glazing