

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	$\text{CBi}_2\text{O}_5$
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 <sup>3</sup>
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

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Laboratory chemicals.

Manufacturing of bismuth compounds

Cosmetics

Opacifier in x-ray diagnosis

Enamel fluxes

Ceramic glazing

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