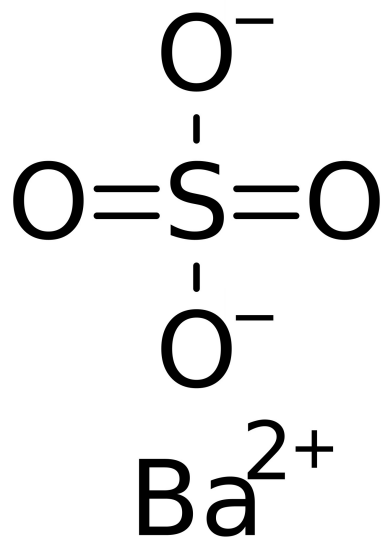




h1>Barium sulfate pure [7727-43-7]



CAS number: **7727-43-7**

Summary formula: **BaSO<sub>4</sub>**

Molar mass: **233.4 g / mol**

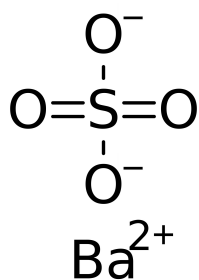
Synonyms: **sulfuric acid barium salt**

Translation [ENG]: **barium sulfate**

Application: **This compound is obtained by grinding barite or precipitating from solutions of other barium salts with sulfuric acid. It is mainly used as: paint (barium / barite white), contrast agent for X-rays of the gastrointestinal tract, filler for rubber and white plastics and paints called lithopones.**

## VARIATIONS

Image



Price

£13,30 gross | £10,81 netto

Pack size

500 g



Image	Price	Pack size
$\begin{array}{c} \text{O}^- \\   \\ \text{O}=\text{S}=\text{O} \\   \\ \text{O}^- \\ \text{Ba}^{2+} \end{array}$	£19,95 gross   £16,22 netto	1 kg
$\begin{array}{c} \text{O}^- \\   \\ \text{O}=\text{S}=\text{O} \\   \\ \text{O}^- \\ \text{Ba}^{2+} \end{array}$	£85,50 gross   £69,51 netto	5 kg
$\begin{array}{c} \text{O}^- \\   \\ \text{O}=\text{S}=\text{O} \\   \\ \text{O}^- \\ \text{Ba}^{2+} \end{array}$	£159,60 gross   £129,76 netto	10 kg
$\begin{array}{c} \text{O}^- \\   \\ \text{O}=\text{S}=\text{O} \\   \\ \text{O}^- \\ \text{Ba}^{2+} \end{array}$	£304,00 gross   £247,15 netto	20 kg

## PRODUCT DESCRIPTION

### Barium sulfate pure [7727-43-7]

Barium sulfate is obtained by milling barite or precipitating from solutions of other barium salts with

sulfuric acid. It is mainly used as: paint (barium / barite white), contrast agent for X-rays of the gastrointestinal tract, filler for rubber and white plastics and paints called lithopones.

Form: solid

Color: white

Odor: no smell

Odor threshold: not applicable

PH value: 6 - 10

Melting point: 1380 ° C

Temp. boiling point: 1580 ° C

Flash point: Non-flammable

Evaporation rate: no data available

Flammability: non-flammable

Explosion limits: no data available

Vapor pressure: no data available

Vapor density: no data available

Density: 4.5 g / cm<sup>3</sup> (20 ° C)

Bulk density: about 700 kg / m<sup>3</sup>

Water solubility: practically insoluble

Partition coefficient n-octanol / water (log): no data available

Auto-ignition temperature: no data available

Decomposition temperature: 1580 ° C

### **Hazard pictograms**

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosivity, the pictogram exclamation mark should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)