



h1>Bromine 99,7 – 99,9% [7726-95-6]



CAS number: **7726-95-6**

Summary formula: **Br<sub>2</sub>**

Molar mass: **159.82 g / mol**

Synonyms: **none**

Translation [ENG]: **bromine**

Application: **Bromine is used in many reactions, e.g. for the synthesis of alkyl bromides, which are more reactive than the corresponding chlorides. Silver bromide has been used extensively in lithographic and photographic techniques.**



## VARIATIONS

Image

Price

Pack size



£342,00 gross | £278,05 netto

3 L



Image

Price

Pack size



£104.500,00 gross | £84.959,35 netto

1000 L

## PRODUCT DESCRIPTION

### Bromine 99,7 - 99,9% [7726-95-6]

Bromine is used in many reactions, e.g. for the synthesis of alkyl bromides, which are more reactive than the corresponding chlorides. Silver bromide has been used extensively in lithographic and photographic techniques.

#### General information:

Appearance Liquid

Color Red-brown

Odor Suffocating

Melting point -7,25 °C

Boiling point 58,8 - 59,5 °C

Flash point Not applicable

Ignition point Not applicable

Autoignition point Not applicable

Vapor pressure (at 20 °C) 173 mm Hg

Density (at 20 °C) 3,12 g/cm<sup>3</sup>

pH of aqueous extract (within  
the range)

Not available

Solubility in/Miscibility with  
water and other solvents

Soluble in water, chloroform, carbon tetrachloride, ethanol,  
ether, carbon disulfide, concentrated hydrochloric acid.

Oxidizing properties Strong oxidizer

Solubility in other solvents: it dissolves in ethyl alcohol, ethyl ether, chloroform, carbon tetrachloride, carbon disulphide, acetone, nitrobenzene, in concentrated hydrochloric and hydrobromic acids, bromide solutions.

### **Hazard pictograms**

Labeling of 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.
- corrosive effect, the exclamation mark pictogram 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](#)