

h1>Selenium 99% powder [7782-49-2]



CAS number: **7782-49-2**

Summary formula: **Se**

Molar mass: **78.97 g / mol**

Synonyms: **none**

Translation [ENG]: **Selenium**

Application: **Selenium is a trace mineral used for years in topical preparations due to its antifungal properties. Selenium has been shown to have other protective effects, such as DnA repair, reduction of DnA binding of carcinogens, and suppression of gene mutations.**

## VARIATIONS

Image	Price	Pack size
$\text{H}_2\text{Se}^{(v0)}$	£190,00 gross   £154,47 netto	500 g

Image	Price	Pack size
$\text{H}_2\text{Se}^{(\text{v}0)}$	£380,00 gross   £308,94 netto	1 kg
$\text{H}_2\text{Se}^{(\text{v}0)}$	£949,99 gross   £772,35 netto	2.5 kg
$\text{H}_2\text{Se}^{(\text{v}0)}$	£3.799,96 gross   £3.089,40 netto	10 kg
$\text{H}_2\text{Se}^{(\text{v}0)}$	£9.119,81 gross   £7.414,48 netto	25 kg

## PRODUCT DESCRIPTION

### Selenium 99% powder [7782-49-2]

Selenium is a trace mineral that has been used for years in topical preparations due to its antifungal

properties. Selenium has been shown to have other protective effects, such as DnA repair, reduction of DnA binding of carcinogens, and suppression of gene mutations. Laboratory studies have shown that skin lotions containing selenium compounds reduce UV-induced skin damage, such as inflammation, blistering and pigmentation.

Melting point: 217 ° C (lit.)  
Boiling point: 684.9 ° C (lit.)  
Density: 4.81 g / ml at 25 ° C (lit.)  
Vapor pressure: <1 Pa (20 ° C)  
Storage temperature: unlimited.  
Solubility: H<sub>2</sub>O: soluble  
Color: white to cream white  
Specific gravity: 4.81  
Resistivity: 1.2 μΩ-cm, 0 ° C  
Water solubility: insoluble  
Merck: 13.8505

### **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](#)