

h1>Hydrazine Hydrate 99% AR [7803-57-8]



CAS number: **7803-57-8**

Summary formula: **H<sub>4</sub>N<sub>2</sub> • H<sub>2</sub>O**

Molar mass: **50.06 g / mol**

Synonyms: **diamine hydrate**

Translation [ENG]: **hydrazine monohydrate**

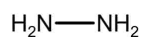
Application: **Hydrazine hydrate is used as a reducing agent in synthetic and analytical reactions and as a solvent for many inorganic compounds. It is also used with methanol as fuel for rocket engines. Another application is the catalytic decomposition of hydrogen peroxide.**

## VARIATIONS

Image

Price

Pack size



£683,96 gross | £556,07 netto

10 L

Image		Price	Pack size
H <sub>2</sub> O	<chem>H2N—NH2</chem>	£1.614,81 gross   £1.312,85 netto	25 L

## PRODUCT DESCRIPTION

### Hydrazine Hydrate 99% AR [7803-57-8]

Hydrazine hydrate is used as a reducing agent in synthetic and analytical reactions and as a solvent for many inorganic compounds. It is also used with methanol as fuel for rocket engines. Another application is the catalytic decomposition of hydrogen peroxide.

Boiling point: 120.5 ° C (1013 hPa)

Density: 1.03 g / cm<sup>3</sup> (20 ° C)

Explosive limits: > 3.4 - 99% (V)

Ignition temperature: 280 ° C

Melting point: -51.7 ° C

PH value: 10-11 (10 g / l, H<sub>2</sub>O, 20 ° C)

Vapor pressure: 20 hPa (20 ° C)

### 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](#)