



Specialized in chemicals

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Technical Data Sheet

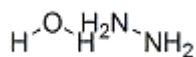
Hydrazine hydrate

Product information

Chemical Name Hydrazine hydrate

Structural

Formula



Molecular

formula: H6N2O

Molecular

Weight: 50.06

Appearance Colorless transparent liquid

Purity 100%

CAS.NO. 7803-57-8

EINECSNo. 206-114-9

Description

Colorless smoke liquid, slightly special smell. Can be miscible with water and ethanol, insoluble in chloroform and ether.

Specification(Hydrazine hydrate 100%)

Items	Specification	Testing Results
Appearance	Colorless transparent liquid	Conforms
N ₂ H ₄ .H ₂ O,%	≥99.0	99.5~100.0
Non volatile matter,%	≤0.1	0.006
Iron,%	≤0.0005	0.00006
Heavy metals(Pb),%	≤0.0005	0.0005
Chloride(Cl),%	≤0.003	0.003
Sulfate(SO ₄),%	≤0.0005	-----

Note:We also have 24%,35%,40%,55%,64%,80%

Application

1)For the synthesis of blowing agent:

The use of hydrazine hydrate as raw material to produce ADC foaming agent, the gas significantly significantly higher than other similar products, and products non-toxic, tasteless, no discoloration, no deterioration.

2)For the synthesis of pesticides:

With hydrazine hydrate and hydrazine derivatives triazole synthesis of pesticides more, the number of more than 100 species.

3)Pharmaceutical industry:

To hydrazine hydrate and hydrazine hydrate derivatives of a wide range of pharmaceutical synthesis, more common with cephalosporin series and rifampicin and so on.

4)Used as an oxygen scavenger:

As the hydrazine has a reduction, it reacts with oxygen, the formation of nitrogen and water, with non-toxic, no rot and oxygen removal characteristics, it is often used as water medium oxygen scavenger, the largest amount of boiler water deoxidation.

5)Can be made to produce rocket fuel.

6) Can be used to extract precious metals.

7)Passenger car airbags and so on.

Packaging:

200kgs per iron drum

16mt(80drums)/20''FCL

Storage

Flammable materials should be stored in a separate safety storage cabinet or room.

Keep away from heat.

Keep away from sources of ignition.

Keep container tightly closed.

Keep in a cool, well-ventilated place.

Ground all equipment containing material.
Keep container dry. Keep in a cool place.

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