

Hydrazine Hydrate

| | | | |
|--------------------------|---|-------------------------|-----------|
| CAS No. | 10217-52-4 | EINECS No. | 600-285-7 |
| Molecular Formula | H ₄ N ₂ .H ₂ O | Molecular Weight | 50.06 |

Structural Formula



Product Features

Hydrazine Hydrate could mix with water and ethanol in any proportion, not soluble in chloroform and ether. Once Hydrazine Hydrate meets with carbon dioxide in the air, it can produce white smoke.

Technical Specification

| Parameter | Standard | |
|---|------------------------------|------------------------------|
| | I | II |
| Appearance | Colorless transparent liquid | Colorless transparent liquid |
| N ₂ H ₄ . H ₂ O, % | 80.0 min | 55.0 min |
| Non-volatile Matter, % | 0.01max | 0.01max |
| Fe, % | 0.0005 max | 0.009 max |
| Pb, % | 0.0005 max | 0.0005 max |
| Chloride, % | 0.003 max | 0.003 max |
| SO ₄ ²⁻ , % | 0.005 max | 0.005 max |

Applications & Usage

With a weak alkaline and strong reduction, reacts with the acid and Hydrazine Hydrate could be combustion by oxidant. Hydrazine Hydrate could be used as Pharmaceutical intermediates, manufacturing high-purity metals, synthetic fibers, dyes, ADC foaming agent of raw materials, high-pressure boiler oxygen scavenger, reducing agent.

Package & Storage

| 25L Drum | 200L Drum |
|---|---|
|  |  |
| Storage for 12 months in shady room and dry place. | |

Hazard & Safety Precaution

| Hazard Information | Safety Precaution |
|---|---|
|  <p data-bbox="252 1182 735 1216">Corrosive , toxic Class 8 (6.1) , UN 2030</p> |  |
| Once contacted with eye and skin, flush with plenty of clean water. | |

Alternative Name / Synonyms

- Hydrazine
- Hydrazinium hydroxide