

# HYDRAZINE HYDRATE (100%)



CAS Number: 7803-57-8

Other Names: Hydrazine monohydrate, Hydrazinium hydroxide, Hydrazine hydroxide

Formula:  $H_6N_2O$

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## PRODUCT INTRODUCTION

Hydrazine hydrate (HH) is an inorganic compound with the chemical formula  $H_6N_2O$ . It is a colorless, fuming, and liquid with an ammonia-like odor.

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## PHYSICAL AND CHEMICAL PROPERTIES

$N_2H_4.H_2O$ Content	100.15 %
Sulfate Content	0.04 ppm
Chloride Content	0.04 ppm
Sodium Content	0.10 ppm
$N_2H_4$ Content	64.10 %
Mineral Residues	17.00 ppm
Iron Content	0.15 ppm

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## APPLICATIONS

- Hydrazine derivatives are used in the manufacture of herbicides and fungicides, as well as plant growth regulators. From tranquilizers to the primary drug for controlling tuberculosis, hydrazine derivatives have proven to be effective ingredients for a number of pharmaceuticals
- Hydrazine was first used as a component in rocket fuels during World War II.
- Hydrazine is used as a low-power monopropellant for the maneuvering thrusters of spacecraft, and was used to power the Space Shuttle's auxiliary power units (APUs).

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## PACKAGING OPTIONS

Drums

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