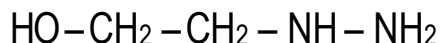




# 2-HYDROXYETHYLHYDRAZINE

## Product data




CAS No.: 109-84-2  
CAS Name: 2-Hydrazinoethanol  
EC No.: 203-711-6  
EC Name: 2-Hydrazinoethanol  
Synonyms: N-(2-Hydroxyethyl)hydrazine  
Molecular Formula:  $\text{C}_5\text{H}_{10}\text{O}_3$   
Molecular Weight: 76.09 g/mol

## PRODUCT DESCRIPTION

Appearance: clear liquid  
Purity: min. 96 % wt  
Freezing/Melting point: - 70 °C  
Boiling point: 142.75 °C at 4 kPa  
Flash point: 103.5 °C  
Density: 1.220 g.cm<sup>-3</sup> at 20 °C  
Partition coefficient (o/w): - 1.265  
Packing: 200 kg in metal drums

## SAFETY

Symbol: 

Signal word: Danger

Hazard statements: H301-H311-H331

Precautionary statements: P261-P280-P301+P310-P305+P351+P338-P311

Hazard Codes: T

Risk Statements: 23/24/25-40

Safety Statements: 23-26-36/37/39-45

RTECS: KL2800000

RID/ADR: UN 2810 6.1/PG 3

WGK Germany: 3

## APPLICATIONS:

2-Hydroxyethylhydrazine has similar reactivity and reducing ability with hydrazine but lower vapour pressure. It can be used in the field of:

- ⇒ component in jet fuels;
- ⇒ intermediate for organic synthesis especially heterocycles used in agrochemicals, pharmaceuticals, stabilizers and polymerizations;
- ⇒ chain extender for urethane formulations;
- ⇒ corrosion inhibitor.

## VUP, a.s.

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