

Product Stewardship Summary

Hydrazine Hydrate Solution 24-26%

Chemical Name:	Hydrazine hydrate solution 24-26%
Synonyms:	Hydrazine monohydrate
CAS Number:	302-01-2
EINECS Number:	206-114-9
Revision Number:	1-2026

Chemical identification and uses

Hydrazine hydrate solution 24-26% is a clear, colorless liquid primarily used in laboratory settings and various industrial applications. It is known for its use in the synthesis of pharmaceuticals, agrochemicals, and as a reducing agent.

Potential exposures

Exposure to hydrazine hydrate solution can occur in industrial and manufacturing facilities during the handling of the chemical. Workers may be exposed primarily through inhalation, skin, and eye contact. Adherence to good manufacturing and industrial hygiene practices is essential to prevent or reduce exposure.

Human Health hazards

Hydrazine hydrate solution can be harmful if swallowed. It can cause severe skin burns and eye damage as well as cause an allergic skin reaction. It may cause cancer and is classified as a probable human carcinogen by IARC and confirmed animal carcinogen by ACGIH.

Environmental Health hazards

Hydrazine hydrate solution is very toxic to aquatic life with long-lasting effects. The methods for determining biodegradability are not applicable to inorganic substances. Proper environmental control measures should be implemented to prevent further leakage or spillage.

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.



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For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Solstice at PSCustomerCare@Solstice.com. Additional information can also be found on PubChem.

[Pubchem - Hydrazine](#)

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