

Formamide

Product Stewardship Summary

Chemical Name:	Formamide
Synonyms:	Methanamide, Formimidic acid
CAS Number:	75-12-7
EC (EINECS) Number:	200-842-0
Revision number:	1-2022

- **Chemical identification and uses:** Formamide is an amide derived from formic acid and the simplest monocarboxylic acid amide. It typically appears as a colorless liquid with a faint odor of ammonia. Formamide can be used in a variety of applications, but is most often used as an intermediate for various products such as pharmaceuticals, the industrial production of hydrogen cyanide, and as a solvent for processing various polymers. It can also be used as a softener for glues, gums, and paper.
- **Potential exposures:** Exposure to formamide can occur in industrial/manufacturing facilities and laboratories. Workers and laboratory personnel risk exposure primarily through inhalation and skin contact. Good manufacturing and industrial hygiene practices should be followed to prevent or reduce contact. See the Safety Data Sheet (SDS) for additional information.
- **Human Health hazards:** Formamide is both a suspected carcinogen and teratogen that may cause adverse effects in blood through prolonged or repeated exposure. Additionally, it is a moderate irritant to skin, eyes, and mucous membranes. Proper PPE should be worn at all times when working with formamide and it should only be used with local exhaust ventilation. One should refer to the Safety Data Sheet (SDS) for additional information and any specific protective information.
- **Environmental Health hazards:** While the various uses of formamide may result in its release to the environment through various waste streams, it is not toxic to aquatic species and is also readily biodegradable. Due to its human health hazards, formamide should be disposed of in an approved waste disposal plant.
- Please contact us at PMTPSCustomerCare@Honeywell.com for more information. Additional information may also be found at the following links:

[EPA - Formamide](#)

[Pubchem - Formamide](#)



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.