

Dimethyl Acetamide

Product Stewardship Summary

Chemical Name:	Dimethyl Acetamide
Synonyms:	N,N-Dimethylacetamide (DMAC), Acetic acid dimethylamide; Dimethylacetamide
CAS Number:	127-19-5
EC (EINECS) Number:	204-826-4
Revision number:	1-2022

- **Chemical identification and uses:** Dimethyl acetamide is a colorless to yellowish water-miscible liquid with an amine-like odor. It is flammable with a flash point of 158°F. It should be kept away from sources of ignition. Dimethyl acetamide is incompatible with strong oxidizing agents. Dimethyl Acetamide is a solvent used in the manufacturing and construction industries, as well as in maritime production.
- **Potential exposures:** Potential exposure is primarily through inhalation and skin contact in workplace applications. Good manufacturing and industrial hygiene practices should be followed to prevent or reduce exposure. Workplace exposure limits for dimethyl acetamide have been established for use in worksite safety programs. See the Safety Data Sheet (SDS) for additional information.
- **Human Health hazards:** Dimethyl acetamide is toxic if inhaled, ingested or absorbed through the skin. Dimethyl acetamide can cause serious eye irritation. Neither *in vivo* nor *in vitro* assays found any genotoxic effects from exposure to dimethyl acetamide however it is suspected to be a carcinogen. Dimethyl acetamide can potentially be toxic to both the fetus and the mother based on reproductive toxicity studies. One should refer to See the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** Dimethyl acetamide is readily biodegradable and does not bioaccumulate in the food chain. It is not toxic to fish, aquatic invertebrates or algae.
- Please contact us at PMTPSCustomerCare@Honeywell.com for more information. Additional information on this chemical may also be found at the following links:

Dimethyl Acetamide - [Pubchem](#)
Dimethyl Acetamide - [EPA Comptox](#)



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.