



# 1,2-Dimethoxyethane

## Product Stewardship Summary

Chemical Name:	1,2-Dimethoxyethane
Synonyms:	Ethylene glycol dimethyl ether, Monoglyme, Glyme
CAS Number:	110-71-4
EC (EINECS) Number:	203-794-9
Revision number:	1-2024

- **Chemical identification and uses:** 1,2-dimethoxyethane appears as a liquid with a sharp odor. It is used as a specialty solvent and reagent. It is also used in Lithium batteries and industrial coating.
- **Potential exposures:** Exposure to 1,2-Dimethoxyethane can occur in industrial/manufacturing setting or from accidental exposure to consumer from the products. If accidental skin exposure occurs, remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. Workers risk exposure primarily through inhalation or 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:** It is highly flammable with potential to cause skin irritation upon skin contact. It is non-genotoxic but can be toxic if inhaled. 1,2-dimethoxyethane is also known to be a carcinogen. It is also a reproductive and developmental toxicant with potential to cause damage to fertility or unborn child. Please refer to the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** it is not toxic to aquatic life but is not readily biodegradable. Appropriate environmental control should be taken during usage.
- Please contact us at [ESSPSCustomerCare@Honeywell.com](mailto:ESSPSCustomerCare@Honeywell.com) for more information. Additional information may also be found at the following links:

[EPA- 1,2-Dimethoxyethane](#)  
[PubChem- 1,2-Dimethoxyethane](#)

*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.*