



N-Methylpyrrolidone

Product Stewardship Summary

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| Chemical Name: | N-Methylpyrrolidone |
| Synonyms: | 1-methyl-2-pyrrolidinone; N-methyl-2-pyrrolidinone; 2-Pyrrolidinone, 1-methyl- |
| CAS Number: | 872-50-4 |
| EC (EINECS) Number: | 212-828-1 |
| Revision number: | 1-2022 |

- **Chemical identification and uses:** N-Methylpyrrolidone is a clear combustible liquid with a “fish-like” odor. It is used as a solvent in the petrochemical and plastics industries for pesticides, coatings, adhesives and polymers. N-Methylpyrrolidone widely replaces other solvents used for paint stripping and lube oil extraction.
- **Potential exposures:** Exposure to N-Methylpyrrolidone is likely to occur in industrial/manufacturing or processing facilities. It can be absorbed into the body by inhalation, through dermal absorption and by ingestion. 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:** N-Methylpyrrolidone is a skin and serious eye irritant that may also cause respiratory irritation. Symptoms for dermal, eye and inhalation can include for redness and pain, blurred vision and headaches, respectively. It may also cause damage to reproductive organs. No component of N-Methylpyrrolidone present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA. One should refer to the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** N-Methylpyrrolidone's production and use as a solvent and chemical intermediate may result in its release to the environment through various waste streams. N-Methylpyrrolidone is unlikely to accumulate in aquatic organisms.
- Please contact us at PMTPSCustomerCare@Honeywell.com for more information. Additional information may also be found at the following links:

[EPA – N-Methylpyrrolidone](#)

[PubChem—N-Methylpyrrolidone](#)



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.