

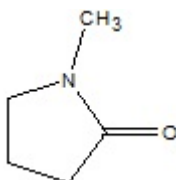
## Drug Status Report (Interim)

**Drug:** 1-Methylpyrrolidinone

**Drug Name Status:** 1-Methylpyrrolidinone is the chemical name

**Chemical Name:** 1-Methylpyrrolidinone

**Chemical structure:**



**Molecular Formula:** C<sub>5</sub>H<sub>9</sub>NO

**Pharmacological class / Application:** solvent

**International status:**

US: The substance is not included specifically in the Schedules to the CSA. It is not mentioned on the DEA website.

United Nations: The chemical is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control. It is also not listed on the Red List - List of Precursors and Chemicals frequently used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control.

Canadian Status: Pyrrolidinones should not be confused with lactones. The former have a nitrogen in the ring; the latter have an oxygen in the ring. Concern about the gamma lactones is based on their easy conversion to 4-hydroxybutyric acid (Schedule III). OCS has reviewed other pyrrolidinones, namely piracetam and aniracetam, and determined that they are not controlled substances (March 16, 2005).

Recommendation: 1-Methylpyrrolidinone is not included in the schedules to the CDSA and is not a controlled substance.

April 19, 2006

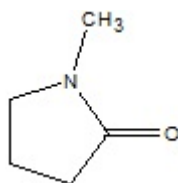
## Drug Status Report (Final)

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**Drug Name Status:** 1-Methylpyrrolidinone is the chemical name

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Recommendation: 1-Methylpyrrolidinone is not included in the schedules to the CDSA and is not a controlled substance.

June 12, 2006

