

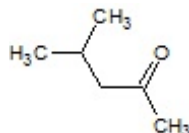
## Drug Status Report

**Drug:** Methyl isobutyl ketone

**Drug Name Status:** Methyl isobutyl ketone is the common name.

**Chemical Name:** 4-Methylpentan-2-one

**Chemical structure:**



**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>O

**Pharmacological class / Application:** fine chemical

**International status:**

US: The substance is not listed on the schedules to the CSA and is not mentioned on the DEA website.

United Nations: The substance 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.

Canadian Status: Methyl isobutyl ketone is not listed on the schedules to the CDSA and is not similar to a substance listed on the CDSA. Methyl isobutyl ketone is one of the principal chemicals<sup>1</sup> used in the production of cocaine along with acetone, methyl ethyl ketone, ethyl ether, potassium permanganate, hydrochloric acid and sulfuric acid. Some of these chemicals are listed as Class B precursors, Part 2 of Schedule VI to the CDSA.

Recommendation: Methyl isobutyl ketone is not included in the schedules to the CDSA and is neither a controlled substance nor a precursor.

June 19, 2009

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<sup>1</sup> <http://www.usdoj.gov/dea/pubs/abuse/2-chem.htm>