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:**

![Chemical structure diagram]

**Molecular Formula:** C₆H₁₂O

**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 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

---