Drug Status Report

**Drug:** 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone

**Drug Name Status:** 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone is the chemical name.

**Chemical Name:** 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone

**Other Names:** NNK

**Chemical structure:**

![Chemical structure of NNK]

**Molecular Formula:** C_{10}H_{13}N_{3}O_{2}

**Pharmacological class / Application:** cigarette smoke carcinogen

**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: 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone is not listed on the schedules to the CDSA and is not similar to a substance listed on the CDSA.

Recommendation: 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone is not included in the schedules to the CDSA and is neither a controlled substance nor a precursor.

January 8, 2009