STATUS DECISION OF CONTROLLED
AND NON-CONTROLLED SUBSTANCE(S)

Substance: 3,4-methylenedioxy-N-methylbenzylamine

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled ☐
Not Controlled ✓

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

• The substance is a related impurity of MDMA and cannot be included under item 1 of Schedule III to the CDSA.

Prepared by: ___________________________ Date: Sept 8th 2011
Evelyn Soo

Verified by: ___________________________ Date:________________
Mark Kozlowski

Approved by: ___________________________ Date:________________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Veronic Deslauriers, DAS
Drug Status Report

**Drug:** 3,4-methylenedioxy-N-methylbenzylamine

**Drug Name Status:** 3,4-methylenedioxy-N-methylbenzylamine is the common name.

**Chemical Name:** N-(1,3-Benzodioxol-5-ylmethyl)-N-methylamine

**Other Names:** 1-(1,3-Benzodioxol-5-ylmethyl)-N-methylmethanamine; 1-(benzo[d][1,3]-dioxol-5-yl)-N-methylmethanamine; MDB

**Chemical structure:**

![Chemical structure]

**Molecular Formula:** $C_9H_{11}NO_2$

**Pharmacological class / Application:** Pharmaceutical-related impurity

**CAS-RN:** 15205-27-3

**International status:**

US: 3,4-methylenedioxy-N-methylbenzylamine is not listed specifically in the Schedules to the US *Controlled Substances Act* and is not mentioned anywhere on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control, the Green List - List of Psychotropic Substances under International Control, nor 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: 3,4-methylenedioxy-N-methylbenzylamine is not listed in the CDSA. The substance has been reported in the scientific literature to be a common impurity found in illicit samples of 3,4-methylenedioxymethylamphetamine (MDMA)¹. The substance does not contain the core structure of the amphetamines and therefore is not considered to be captured under the heading “Amphetamine, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:” of item 1 of Schedule III to the CDSA.

**Recommendation:** 3,4-methylenedioxy-N-methylbenzylamine is not included under item 1 of Schedule III to the CDSA and is not a controlled substance.

**Date:** 17 March 2011