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

Substance: Methoxetamine

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 considered to be an analogue of ketamine and therefore included under item 14(1) of Schedule I to the CDSA.

Prepared by: ________________________________ Date: Jan 25th 2010
Evelyn Soo

Verified by: ________________________________ Date: __________
Marianne Tang

Approved by: ________________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Tanya Arcand
Drug Status Report

**Drug:** Methoxetamine

**Drug Name Status:** Methoxetamine is the common name.

**Chemical Name:** 2-(3-methoxyphenyl)-2-(ethylamino)-cyclohexanone

**Chemical structure:**

![Chemical structure of Methoxetamine]

**Molecular Formula:** C_{15}H_{17}NO_{2}

**Pharmacological class / Application:** Phencyclidine analogue

**CAS-RN:** unknown

**International status:**

US: The substance 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 specifically on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Methoxetamine is not currently listed in the schedules to the CDSA. However, the substance shows significant structural similarity to ketamine, which is currently listed as item 14(1) in Schedule I to the CDSA, under the heading “Phencyclidine (1-(1-phenylcycohexyl)piperidine), its salts, derivative and analogues and salts of derivatives and analogues including”. For the purpose of forming status decisions, an analogue is considered to be a substance that displays significant structural similarity to one listed in the CDSA. Therefore methoxetamine must be included under item 14(1) of Schedule I to the CDSA as an analogue of ketamine.

**Recommendation:** Methoxetamine is included under item 14(1) of Schedule I to the CDSA and is a controlled substance.

**Date:** 25 January 2011