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

Substance: Eutylone

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

- Controlled  X
- Not Controlled  □

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

- The substance is an analogue of N-ethyl-3,4-methylenedioxyamphetamine and is controlled under sub-item 19(12) of Schedule I to the CDSA.

Prepared by: ____________________________ Date: __________
Benoit P Seguin

Verified by: ____________________________ Date: __________
Mark Kozlowski

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

This status was requested by: Lehli Pour, DAS
Drug Status Report

Drug: Eutylone

Drug Name Status: Eutylone is the common name.

Chemical Name: 1-(1,3-benzodioxol-5-yl)-2-(ethylamino)-1-butanone

Other Names: β-keto-Ethylbenzodioxolylbutanamine; bk-EBDB

Chemical structure:

Eutylone (hydrochloride)

N-ethyl–3,4–methylenedioxyamphetamine

Molecular Formula: C$_{12}$H$_{17}$NO$_2$

Pharmacological class / Application: Stimulant

CAS-RN: 17764-18-0 (hydrochloride)

International status:

US: Eutylone 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: Eutylone is not listed specifically in the Schedules to the CDSA. The substance shows substantial structural similarity to N-ethyl–3,4–methylenedioxyamphetamine (shown above), which is currently listed as sub-item 19(12) in Schedule I to the CDSA under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:” As an analogue of N-ethyl–3,4–methylenedioxyamphetamine, eutylone must be included under sub-item 19(12) of Schedule I to the CDSA.

Recommendation: Eutylone is included under sub-item 19(12) of Schedule I to the CDSA and is a controlled substance.

Date: November 15$^{th}$, 2012.