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

Substance: alpha-Chlorocodide

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 a derivative of codeine and is included under item 1 of Schedule I to the CDSA.

Prepared by: ___________________________ Date: ____________
Evelyn Soo

Verified by: ___________________________ Date: ____________
Mark Kozlowski

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

This status was requested by: Wissam Sader, OCS
Drug Status Report

**Drug:** alpha-Chlorocodide

**Drug Name Status:** alpha-Chlorocodide is the common name.

**Chemical Name:** 6-alpha-Chloro-7,8-didehydro-4,5-alpha-epoxy-3-methoxy-17-methylmorphinan

**Chemical structure:**

![Chemical structure diagram]

**Molecular Formula:** $C_{18}H_{20}ClNO_2$

**Pharmacological class / Application:** Codeine derivative

**CAS-RN:** 467-08-3

**International status:**

US: 1’ alpha-Chlorocodide 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: alpha-Chlorocodide is not listed specifically in the Schedules to the CDSA. The substance is a derivative of codeine$^1$, specifically it is formed from the reaction of codeine with phosphorus pentachloride. Codeine is currently listed as sub-item 1(2) in Schedule I to the CDSA under the heading “Opium Poppy (Papaver somniferum), its preparations, derivatives, alkaloids and salts, including.”. Given that alpha-chlorocodide is formed from codeine, it must be included under item 1 of Schedule I to the CDSA.

**Recommendation:** alpha-Chlorocodide is included under item 1 of Schedule I to the CDSA and is a controlled substance.

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Date: March 13th, 2012.