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

Substance: Dichloralphenazone

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 not structurally similar to any of the substances listed in the schedules to the CDSA.

Prepared by: ____________________________  Date: January 20th, 2012

Evelyn C Soo

Verified by: ____________________________  Date: __________

Mark Kozlowski

Approved by: ____________________________  Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by:  Tanya Arcand, OCS
Drug Status Report

**Drug:** Dichloralphenazone

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

**Chemical Name:** 1,2-Dihydro-1,5-dimethyl-2-phenyl-3H-pyrazol-3-one compound with 2,2,2-trichloro-1,1-ethanediol

**Other names:** Dichloralantipyrine; Antipyrine with chloral hydrate

**Chemical structure:**

![Chemical structure of Dichloralphenazone](image)

**Molecular Formula:** C_{11}H_{12}N_{2}O.2C_{2}H_{3}Cl_{3}O_{2}

**Pharmacological class / Application:** Sedative

**CAS-RN:** 480-30-8

**International status:**

US: Dichloralphenazone was added to Schedule IV to the *US Controlled Substances Act* on August 16th 2001 on the basis that it is a chloral hydrate containing compound and therefore is controlled under the CSA.

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: Dichloralphenazone is not listed in the schedules to the CDSA. While dichloralphenazone substance is considered controlled in the US on the basis that it contains chloral hydrate, it is not structurally similar to any of the substances listed in the CDSA. In addition, the status of chloral hydrate was reviewed previously and was not considered controlled under the CDSA.

**Recommendation:** Dichloralphenazone is not included in any of the Schedules to the CDSA and is not a controlled substance.
Date: January 20th, 2012