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

Substance: Diethyl sec-pentyl malonate

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 CDSA

Prepared by: ________________________________ Date: Sept 21st 2010

Evelyn C Soo

Verified by: ________________________________ Date: __________

Marianne Tang

Approved by: ________________________________ Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: "third party information removed as per agreement with applicant"
Drug Status Report

**Drug:** Diethyl sec-pentyl malonate

**Drug Name Status:** Diethyl sec-pentyl malonate is the common name.

**Chemical Name:** Diethyl methylbutylmalonate

**Chemical Structure:**

![Chemical Structure](image)  

**Molecular Formula:** C_{12}H_{22}O_{4}

**CAS-RN:** None

**Pharmacological class / Application:** Fine Chemical

**International status:**

US: The substance is not listed specifically in the CSA 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: Diethyl sec-pentyl malonate is claimed to be a starting material in the synthesis of pentobarbital-d5 and is not currently listed in the CDS, nor structurally similar to any of those included in the Schedules to the CDSP.

**Recommendation:** Diethyl sec-pentyl malonate is not included in the Schedules to the CDSP and is not a controlled substance nor precursor chemicals.

**Date:** September 21st, 2010