



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

Substance: Fospropofol

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

Controlled [ ]
Not Controlled [x]

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

- The substance is a pro-drug of propofol which is regulated as a Schedule F drug under the Food and Drugs Regulations. The substance is not similar to any of those listed in the CDSA.

Prepared by: Evelyn Soo Date: Jan 26th 2011

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: Nacer Silarbi

## Drug Status Report

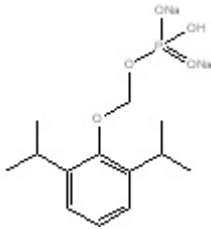
**Drug:** Fospropofol

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

**Chemical Name:** (2,6-bis(1-methylethyl)phenoxy)-methanol, dihydrogen phosphate

**Other Names:** Lusedra; 2,6-di(propan-2-yl)phenoxy)methyl dihydrogen phosphate

**Chemical structure:**



**Molecular Formula:** C<sub>13</sub>H<sub>19</sub>Na<sub>2</sub>O<sub>5</sub>P

**Pharmacological class / Application:** Sedative

**CAS-RN:** 258516-89-1

**International status:**

US: Fospropofol is currently listed specifically in Schedule IV to the US *Controlled Substances Act*.

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: Fospropofol is the O-methyl-phosphate disodium salt and pro-drug of propofol, which is used as a sedative. Propofol is not currently listed in the Schedules to the CDSA but is regulated as a Schedule F drug under the *Food and Drugs Regulations*. Given that fospropofol is not structurally similar to any of the substances listed in the CDSA, the substance cannot be included under any of the Schedules to the CDSA.

**Recommendation:** Fospropofol is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** 26 January 2011