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

Substance: Decaborane

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 not structurally similar to any of those listed in the CDSA.

Prepared by: ___________________________________________  Date: _____________
Evelyn C Soo

Verified by: ___________________________________________  Date: _____________
Mark Kozlowski

Approved by: ___________________________________________  Date: _____________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

**This status was requested by:** Raymond Wong, OCS
Drug Status Report

Drug: Decaborane

Drug Name Status: Decaborane is the common name.

Chemical Name: Decaboron tetradecahydride

Other Name: Boron hydride; Tetradecahydrodecaborane; nido-Decaborane(14)

Chemical structure:

![Chemical Structure Diagram]

Molecular Formula: $\text{B}_{10}\text{H}_{14}$

Pharmacological class / Application: Fine chemical

CAS-RN: 17702-41-9

International status:

US: Decaborane 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: Decaborane is not listed in the Schedules to the CDSA. This substance is a borane cluster and is not structurally similar to any of the substances listed under the schedules to the CDSA.

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

Date: December 4th, 2012.