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

Substance:  N-cbz-4-Piperidone

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 does not display any structural similarity to those included in the schedules to the CDSA.

Prepared by: ________________________________  Date: January 27th, 2012
Evelyn C Soo

Verified by: ________________________________  Date: __________
Mark Kozlowski

Approved by: ________________________________  Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Andree Bernard
Drug Status Report

**Drug**: N-cbz-4-Piperidone

**Drug Name Status**: N-cbz-4-Piperidone is the common name.

**Chemical Name**: 1-Carbobenzoxy-4-piperidone

**Other Names**: 1-Z-4-Piperidone; 1-N-Cbz-4-oxo-piperidine; N-benzyloxycarbonylpiperidone

**Chemical structure**:

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**Molecular Formula**: \( \text{C}_{13}\text{H}_{15}\text{NO}_3 \)

**Pharmacological class / Application**: Fine Chemical

**CAS-RN**: 119099-93-5

**International status**:

- **US**: N-cbz-4-Piperidone is not listed in the schedules to the US *Controlled Substances Act* and is not mentioned 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**: N-cbz-4-Piperidone is not listed in the schedules to the CDSA and does not display any structural similarity to any of those included in the CDSA. It is noteworthy that a similar compound, 1-benzyl-3-(methoxycarbonyl)-4-piperidone was previously reviewed and also considered not controlled under the CDSA.

**Recommendation**: N-cbz-4-Piperidone is not included in the schedules to the CDSA and is not a controlled substance.

**Date**: January 27th, 2012.