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

Substance: 2-Chlorobenzonitrile

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 similar to any of those listed in the schedules to the CDSA.

Prepared by: ________________________________  Date: August 4th 2010
Victoria-Magali Zelaya

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:** 2-Chlorobenzonitrile

**Drug Name Status:** 2-Chlorobenzonitrile

**Chemical Name:** 2-Chlorobenzonitrile

**Other Names:** 2-chloro-benzonitrile; o-chlorobenzonitrile; o-Cyanochlorobenzene

**Chemical structure:**

\[
\begin{array}{c}
\text{N} \\
\text{-} \\
\text{Cl}
\end{array}
\]

**Molecular Formula:** C₇H₄ClN

**Pharmacological class / Application:** fine chemical

**CAS-RN:** 873-32-5

**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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 2-Chlorobenzonitrile is used as an intermediate in the synthesis of biologically active compounds¹ and is also claimed to be a starting material in the synthesis of 5,6-dehydronorketamine. The substance is not listed specifically in the CDSA and is not structurally similar to any of the substances included in the Schedules to the CDSA.

**Recommendation:** 2-Chlorobenzonitrile is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** August 4th, 2010

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