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

Substance: Glutaral

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 the substances listed in the schedules to the CDSA.

Prepared by: ___________________________ Date: April 27th 2011
Evelyn Soo

Verified by: ___________________________ Date: __________
Mark Kozlowski

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:** Glutaral

**Drug Name Status:** Glutaral is the proper (INN) name.

**Chemical Name:** 1,5-Pentanediol

**Other Names:** Glutaraldehyde; Pentanediol

**Chemical structure:**

![Chemical Structure](image)

**Molecular Formula:** $C_5H_8O_2$

**Pharmacological class / Application:** Fine chemical

**CAS-RN:** 111-30-8

**International status:**

US: Glutaral is not listed in the 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: Glutaral is a widely-used preservative in cosmetic products$^{1}$ and is also an effective disinfectant against both Gram-positive and Gram-negative bacteria$^{2}$. Glutaral is not currently listed in the schedules to the CDSA and is not similar in structure to any of the substances included in the Schedules to the CDSA.

**Recommendation:** Glutaral is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** 27 April 2011

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