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

Substance: Epoxidized Soybean Oil

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 included in the schedules to the CDSA.

Prepared by: ________________________________  Date: Dec 3rd 2010

Evelyn Soo

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:** Epoxidized Soybean Oil

**Drug Name Status:** Epoxidized Soybean Oil is the common name.

**Chemical Name:** 2,3-bis[8-[3-[(3-pentyloxiran-2-yl)methyl]oxiran-2-yl]octanoyloxy]propyl 8-[3-[(3-pentyloxiran-2-yl)methyl]oxiran-2-yl]octanoate

**Chemical structure:**

![Chemical structure diagram]

**Molecular Formula:** $C_{57}H_{98}O_{12}$

**CAS-RN:** 8013-07-8

**Pharmacological class / Application:** Plasticizer

**International status:**

US: Epoxidized Soybean Oil is not currently listed 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: Epoxidized Soybean Oil is a plasticizer used as an additive to polyvinyl chloride plastics (PVC) and is not currently listed in the Schedules to the CDSA, nor similar to any of the substances included in the schedules to the CDSA.

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

**Date:** 3 December 2010

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