



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

Substance: Benzyl bromide

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 a starting material in the synthesis of propoxyphene and is not similar in structure to any of the substances listed in the CDSA.

Prepared by: Evelyn C Soo Date: October 19th 2010

Verified by: Marianne Tang Date: _____

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: Benzyl bromide

Drug Name Status: Benzyl bromide is the common name.

Chemical Name: (Bromomethyl)-benzene

Other Names: alpha-bromo-toluene; alpha-bromotoluene; 1-bromotoluene; bromophenylmethane

Chemical Structure:



Molecular Formula: C₇H₇Br

CAS-RN: 100-39-0; 35656-93-0

Pharmacological class / Application: Fine chemical

International status:

US: The substance is not listed specifically in the CSA and is not mentioned anywhere on the DEA website.

United Nations: The substances 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: Benzyl bromide is reported to be starting material in the synthesis of propoxyphene and is not currently listed in the CDSA. The substance is not structurally similar to any of those included in the Schedules to the CDSA. It is noteworthy that its deuterated form (benzyl-d₇ bromide) will also not be included in the Schedules to the CDSA.

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

Date: October 19th 2010