Substance: Monobenzyl phthalate

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled ☐
- Not Controlled X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance is not similar in structure to any of those included in the schedules to the CDSA.

Prepared by: ___________________________________ Date: ________________
Evelyn C Soo

Verified by: ___________________________________ Date: ________________
Mark Kozlowski

Approved by: ___________________________________ Date: ________________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Elizabeth Dussault, OCS
Drug Status Report

**Drug:** Monobenzyl phthalate

**Drug Name Status:** Monobenzyl phthalate is the common name.

**Chemical Name:** 1,2-Benzenedicarboxylic acid, 1-(phenylmethyl) ester

**Other Names:** Benzyl hydrogen phthlate; Mono(phenylmethyl) 1,2-benzenedicarboxylate; 1,2-Benzenedicarboxylic acid, mono(phenylmethyl) ester; MBzP

**Chemical structure:**

![Chemical structure of Monobenzyl phthalate](image)

**Molecular Formula:** C_{15}H_{12}O_{4}        **CAS-RN:** 2528-16-7

**Pharmacological class / Application:** Fine chemical

**International status:**

US: Monobenzyl phthalate is not listed specifically 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: Monobenzyl phthalate is not listed in the schedules to the CDSA. The substance has been reported in the scientific literature to be a major metabolite of butyl benzyl phthalate (BBP)\(^1\) which belongs to the family of phthalates and used in the manufacture of a wide range of consumer products including vinyl materials, plastics and cosmetics\(^2\). Monobenzyl phthalate does not display structural similarity to any of the substances listed in the CDSA.

**Recommendation:** Monobenzyl phthalate is not included in the schedules to the CDSA and is not a controlled substance.

---


\(^2\) http://www.chemicalsubstanceschimiques.gc.ca/fact-fait/phthalates-eng.php
Date: April 13th, 2012.