

## Drug Status Report

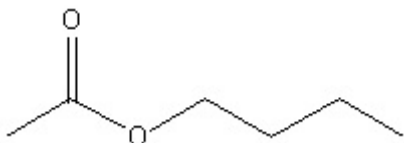
**Drug:** n-Butyl acetate

**Drug Name Status:** Butyl acetate is the common name

**Chemical Name:** n-Butyl acetate

**Other Names:** Acetic acid, butyl ester; 1-butyl acetate

**Chemical structure:**



**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

**Pharmacological class / Application:** Fine chemical

**International status:**

US: The substance is not listed on the schedules to the CSA and is not mentioned on the DEA website.

United Nations: Butyl acetate 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: Butyl acetate is a naturally occurring compound in fruit<sup>1</sup> where it imparts characteristic fruity flavours, and it is also used as an industrial solvent in the production of nitrocellulose lacquers and varnishes<sup>2</sup>. The substance is not similar to any of the substances listed in the schedules to the CDSA.

Recommendation: Butyl acetate is not included in the schedules to the CDSA and is not considered a controlled substance.

April 27, 2010.

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<sup>1</sup>Miyazawa, M. *et al.* (2009) Comparison of the volatile components of unripe and ripe Japanese apricot (*Prunus mume* Sieb. et Zucc.) *Nat Prod Res.* **23**:1567-1571.

<sup>2</sup>Saillenfait, A-M. *et al.* (2007) Developmental toxic effects of ethylbenzene or toluene alone and in combination with butyl acetate in rats after inhalation exposure, *J. Applied Tox.* **27**:32-42.