Health Canada Santé Canada

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

Substance: Ethyl acetate

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):

- Ethyl acetate is not structurally similar to any of the substances included in the schedules to the CDSA.

Prepared by: _____ Date: November 18th, 2011
Vincent Marleau

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

**This status was requested by:** Nisrine Haddad, OCS

# Drug Status Report

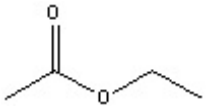
**Drug:** Ethyl acetate

**Drug Name Status**: Ethyl acetate is the common name.

**Chemical Name:** Acetic acid ethyl ester

**Other Names:** Ethyl acetic ester; Ethyl ester; Ethyl ethanoate; Acetoxyethane; Acetic acid, ethyl ester.

**Chemical structure:**




**Molecular Formula:** $C_4H_8O_2$

**Pharmacological class / Application:** Fine chemicals

**CAS-RN:** 141-78-6

**International status**:

US: Ethyl acetate is not listed in 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: The substance is not listed in the schedules to the CDSA. Ethyl acetate is an organic solvent used for industrial applications and is widely used worldwide. This substance displays low toxicity and carcinogenic potency.[1] It is not similar to any of the substances listed in the Schedules to the CDSA.

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

**Date:** November 18th, 2011

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[1]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.