



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

Substance: Ethylamine

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 to any of the substances included in the schedules to the CDSA.

Prepared by: Evelyn Soo Date: Nov 25th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: Reem Mahmoud

## Drug Status Report

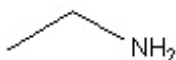
**Drug:** Ethylamine

**Drug Name Status:** Ethylamine is the common name.

**Chemical Name:** 1-Aminoethane

**Other Names:** Ethanamine; Monoethylamine

**Chemical structure:**



**Molecular Formula:** C<sub>2</sub>H<sub>7</sub>N

**CAS-RN:** 75-04-7

**Pharmacological class / Application:** Fine chemical

**International status:**

US: Ethylamine is currently considered a List 1 Regulated Chemical.

United Nations: The substances are 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: Ethylamine is a substance that is considered to be a biogenic amine and is naturally-occurring in foods such as fruits, vegetables, wine, milk, fish and cheese<sup>1</sup>. The substance is also used as an intermediate in the manufacture of pesticides, pharmaceuticals, dyes and catalysts<sup>2</sup>. Ethylamine is not currently listed in the CDSA and is not similar to any of the substances included in the schedules to the CDSA.

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

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<sup>1</sup>Mayer, HK. *et al.* (2010) A new ultra-pressure liquid chromatography method for the determination of biogenic amines in cheese, *J. Chromatogr. A.* (2010) **1217**:3251-3257.

<sup>2</sup>Sacher, F. *et al.* (1997) Analysis of primary and secondary aliphatic amines in waste water and surface water by gas chromatography-mass spectrometry after derivatization with 2,4-dinitrofluorobenzene or benzenesulfonyl chloride, *J. Chromatogr. A.* **764**:85-93.

**Date:** 25 November 2010