Substance: Methanesulfonic acid

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 not structurally similar to any of the substances listed in the CDSA.

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

Verified by: _______________________________ Date: __________
Marianne Tang

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**: Methanesulfonic acid

**Drug Name Status**: Methanesulfonic acid is the common name.

**Chemical Name**: Methanesulfonic acid

**Other Names**: Methanesulphonic acid; methanesulfonate

**Chemical Structure**:

![Chemical Structure Image]

**Molecular Formula**: CH$_4$O$_3$S

**CAS-RN**: 75-75-2

**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 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: Methanesulfonic acid is a chemical reagent that has a range of applications including its use as an electrolyte, catalyst and reagent in pharmaceutical synthesis reactions$^1$. The substance is not listed in the CDSA and is not structurally similar to any of those included in the Schedules to the CDSA.

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

**Date**: October 19$^{th}$ 2010

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