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

Substance: 2,3-dimercapto-1-propanesulfuric 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 a heavy metal chelating agent and is not structurally similar to any of the substances included in the Schedules to the CDSA.

Prepared by: ___________________________________ Date: November 17th 2010
Evelyn C Soo

Verified by: ___________________________ Date: __________
Marianne Tang

Approved by: ___________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Inspectorate
Drug Status Report

**Drug:** 2,3-dimercapto-1-propanesulfuric acid

**Drug Name Status:** 2,3-dimercapto-1-propanesulfonic acid is the common name

**Chemical Name:** 2,3-dimercapto-1-propanesulfonic acid

**Other Names:** 2,3-dimercaptopropanesulphonic acid; DMPS; Dimaval; 2,3-dimercaptopropane-1-sulfonic acid

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:** C₃H₈O₃S₃

**Pharmacological class / Application:** Chelating agent

**CAS-RN:** 4076-02-2

**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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 2,3-dimercapto-1-propanesulfuric acid is more commonly known as 2,3-dimercapto-1-propanesulfonic acid or DMPS and is used as a chelating agent for the treatment of heavy metal intoxications of the nervous system. The substance is not currently listed in the CDSA nor similar to any of the substances included in the Schedules to the CDSA.

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Recommendation: 2,3-dimercapto-1-propanesulfuric acid is not included in the schedules to the CDSA and is not a controlled substance.

Date: November 17th 2010