



Health
Canada

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

Substance: Ammonium thiosulfate

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 similar to any of those listed in the CDSA.

Prepared by: _____ Date: Aug 24th 2010
Evelyn 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

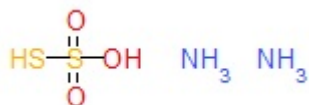
Drug: Ammonium thiosulfate

Drug Name Status: Ammonium thiosulfate is the common name.

Chemical Name: Ammonium thiosulfate

Other names: Ammonium thiosulphate; thiosulfuric acid, diammonium salt,

Chemical Structure:



Molecular Formula: O₃S₂.2H₄N

Pharmacological class / Application: Fine chemical

CAS-RN: 7783-18-8

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: Ammonium thiosulfate is common component of photographic fixing agents and is also found in fertilizers¹. The substance is not currently listed in the CDSA and is not structurally similar to any of the substances included in the Schedules to the CDSA.

Recommendation: Ammonium thiosulfate is not similar to any of the substances included in the Schedules to the CDSA and is not a controlled substance.

Date: 24 August 2010

¹Gan, J. *et al.* (1998) Surface amendment of fertilizer ammonium thiosulfate to reduce methyl bromide emission from soil, *Environ. Sci. Technol.* **32**:2438-2441.