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

Substance: 1-Isobutylpiperazine

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 analogues of BZP are not captured under item 33 of Schedule III to the CDSA.

Prepared by: _______________________________ Date: ________________
Benoit P Seguin

Verified by: _______________________________ Date: ________________
Mark Kozlowski

Approved by: _______________________________ Date: ________________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Bruno Lafontaine, OCS
**Drug Status Report**

**Drug:** 1-Isobutyl-piperazine

**Drug Name Status:** 1-Isobutyl-piperazine is the common name.

**Chemical Name:** 1-Isobutyl-piperazine

**Other Names:** N/A

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:** C₈H₂₀Cl₂N₂

**Pharmacological class / Application:** Piperazine

**CAS-RN:** 5308-28-1; 33174-08-2 for 2HCl

**International status:**

US: 1-Isobutylpiperazine dihydrochloride is not listed specifically in the Schedules to 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: 1-Isobutylpiperazine dihydrochloride is not listed in the Schedules to the CDSA. The substance displays structural similarities to 1-benzylpiperazine (BZP) which is currently listed as item 33 “Benzylpiperazine [BZP], namely 1-benzylpiperazine and its salts, isomers and salts of isomers” in Schedule III to the CDSA. However, the analogues of benzylpiperazine are not captured under the item heading and therefore 1-isobutylpiperazine cannot be included under item 33 of Schedule III to the CDSA.

**Recommendation:** 1-Isobutylpiperazine dihydrochloride is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** October 19th, 2012.