



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

Substance: N-methylphthalimide

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 included in the CDSA.

Prepared by: _____ Date: Dec 16th 2010
Evelyn Soo

Verified by: _____ Date: _____
Marianne Tang

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Marnie Brewer, National Reference Standards Service

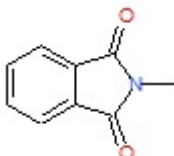
Drug Status Report

Drug: N-Methylphthalimide

Drug Name Status: N-Methylphthalimide is the common name.

Chemical Name: 2-methyl-1H-Isoindole-1,3(2H)-dione

Chemical structure:



Molecular Formula: C₉H₇NO₂

CAS-RN: 550-44-7

Pharmacological class / Application: Fine chemical

International status:

US: N-Methylphthalimide is not currently listed 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: N-Methylphthalimide is not listed in the Schedules to the CDSA. The substance is used as an intermediate in the organic synthesis reactions, for example, in the synthesis of polymers¹ and is not structurally similar to any of the substances listed in the CDSA. Earlier reviews of phthalimide and its N-[2-(2,5-dimethoxyphenyl)-ethyl]- derivative have also determined that the substances are not controlled under the CDSA.

Recommendation: N-Methylphthalimide is not included in the schedules to the CDSA and is not a controlled substance.

Date: 16 December 2010

¹<http://www.epa.gov/hpv/pubs/summaries/nmethylp/c14220.pdf>