

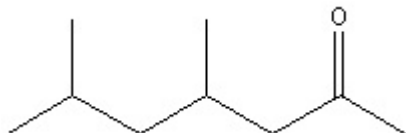
Drug Status Report

Drug: 4,6-Dimethylheptan-2-one

Drug Name Status: 4,6-Dimethylheptan-2-one is the common name

Chemical Name: 2-Heptanone, 4,6-dimethyl

Chemical structure:



Molecular Formula: C₉H₁₈O

Pharmacological class / Application: Fine chemical

International status:

US: The substance is not listed on the schedules to the CSA and is not mentioned on the DEA website.

United Nations: 4,6-Dimethylheptan-2-one 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: 4,6-Dimethylheptan-2-one is may be present as an impurity of heptan-2-one and is used as an industrial solvent in the manufacture of paints and lacquers¹. The substance is not similar to any of the substances listed in the schedules to the CDSA.

Recommendation: 4,6-Dimethylheptan-2-one is not included in the schedules to the CDSA and is not considered a controlled substance.

April 27, 2010.

¹Arfsten DP. *et al.* (2002) Derivation of exposure duration-specific occupational exposure limits (OELS0 for 4,6-dimethyl-2-heptanone, Naval Health Research Center, Available from <http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA414142&Location=U2&doc=GetTRDoc.pdf>.