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

Substance: d-Oxyphene

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled X
- Not Controlled □

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The drug is currently not listed specifically on the CDSA.
- Item 7 of Schedule I is, “Phenalkoxams, their salts, derivatives and salts of derivatives including...” Dextropropoxyphene is listed as subitem 7.3.
- Item 7 of Schedule I therefore includes the salts, derivatives and salts of derivatives of the listed substances.
- d-Oxyphene is a derivative of dextropropoxyphene in that it is the parent alcohol of which dextropropoxyphene is the propanoate ester.

Supporting document(s) attached: X

Prepared by: _______________________________ Date: 2005-06-27
TIANA BRANCH

Verified by: _______________________________ Date: 2005-06-25
MICHAEL LEBELLE

Approved by: _______________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES
**Drug:** d-Oxyphene

**Chemical Name:** \( d-1-[2-(\text{Dimethylamino})-1\text{-methylthyl}]-\alpha\text{-phenylbenzeneethanol} \)

**Other Names:** Propoxyphene related compound A; \( \alpha-d-4-(\text{dimethylamino})-1,2\text{-diphenyl-3-methyl-2-butanol} \)

**Chemical structure:**

![Chemical structure of d-Oxyphene](image)

**Molecular Formula:**
\( C_{19}H_{25}NO \)

**Pharmacological class / Application:** Drug related compound

**International status:**

US: The drug is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website. Dextropropoxyphene, a related substance, is listed on Schedule II to the CSA. Confirmation of status of the title compound would need to be obtained from the DEA.

United Nations: The drug is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control

Canadian Status: The drug is currently not listed specifically on the CDSA. Item 7 of Schedule I is, “Phenalkoxams, their salts, derivatives and salts of derivatives
Dextropropoxyphene (see structure next page) is listed as subitem 7.3. Item 7 of Schedule I therefore includes the salts, derivatives and salts of derivatives of the listed substances.

Dextropropoxyphene

D-Oxyphene is a derivative of dextropropoxyphene in that it is the parent alcohol of which dextropropoxyphene is the propanoate ester.

**Recommendation:** d-Oxyphene is included in item 7 of Schedule I to the CDSA and is a controlled substance.

June 25, 2005