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

Substance: Fluorobenzene and 2-Chloropropionyl chloride

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):

• Fluorobenzene and 2-Chloropropionyl chloride are not similar to any of the substances included in the Schedules to the CDSA.

Prepared by: ____________________________ Date: Sept 21st 2010

Evelyn C 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:  
I - Fluorobenzene  
II - 2-Chloropropionyl chloride

Drug Name Status:  
I - Fluorobenzene  
II - 2-Chloropropionyl chloride are the common names.

Chemical Name:  
I - Fluorobenzene  
II - 2-chloro-propanoyl chloride

Chemical Structure:

\[
\begin{align*}
\text{Molecular Formula:} & \quad \text{I - } C_6H_5F; \text{ II - } C_3H_4Cl_2O \\
\text{CAS-RN:} & \quad \text{I - 462-06-6; II - 7623-09-8} \\
\text{Pharmacological class / Application:} & \quad \text{Fine Chemical} \\
\text{International status:} & \\
\text{US:} & \quad \text{The substances are not listed specifically in the CSA and are not mentioned anywhere on the DEA website.} \\
\text{United Nations:} & \quad \text{The substance are not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.} \\
\text{Canadian Status:} & \quad \text{Fluorobenzene and 2-chloropropionyl chloride are starting materials in the chemical synthesis of p-fluoroephedrine hydrochloride and p-fluoroephedrine-d3 hydrochloride. The substances are not currently listed in the CDSA and are not structurally similar to any of the substances included in the schedules to the CDSA.} \\
\text{Recommendation:} & \quad \text{Fluorobenzene and 2-chloropropionyl chloride are not included in the Schedules to the CDSA and are not controlled substances.} \\
\text{Date:} & \quad \text{September 21st 2010}
\end{align*}
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