



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

Substance: Modified sodium disilicate and Tetraacetylenediamine

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 substances are not similar to any of those listed in the Schedules to the CDSA and are not controlled substances.

Prepared by: Evelyn Soo Date: August 9th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: "third party information removed as per agreement with applicant"

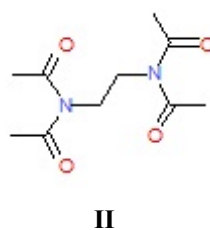
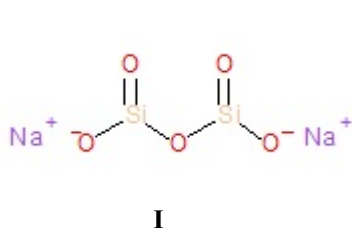
Drug Status Report

Drug: I - Modified sodium disilicate
II - Tetra acetyl ethylene diamine

Drug Name Status: I - Modified sodium disilicate
II - Tetraacetythylenediamine are common names

Chemical Name: I - Disodium oxide, silicon dioxide
II - N,N'-1,2-ethanediylbis(N-acetylacetamide)

Chemical structure:



Molecular Formula: I - $\text{Na}_2\text{Si}_2\text{O}_5$; II - $\text{C}_{10}\text{H}_{16}\text{O}_4\text{N}_2$

Pharmacological class / Application: detergent auxillary

CAS-RN: I - N/A; II - 10543-57-4

International status:

US: The substance is not listed specifically in the CSA 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Modified sodium disilicate is a phosphate-free replacement for sodium tripolyphosphate and is mainly used as an additive in detergents for the dispersion of lipids and as a water softener, while tetraacetythylenediamine acts as a bleach activator in detergents. The substances are not similar in structure to any of the substances listed in the Schedules to the CDSA.

Recommendation: Modified sodium disilicate and tetraacetythylenediamine are not included in the schedules to the CDSA and are not controlled substances.

Date: 9 August 2010