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

Substance: Modified sodium disilicate and Tetraacetyleneediamine

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

Prepared by: ___________________________ Date: August 9th 2010
Evelyn 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 - Modified sodium disilicate  
II - Tetra acetyl ethylene diamine

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

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

Chemical structure:

![Chemical Structure Diagram]

Molecular Formula:  
I - Na$_2$Si$_2$O$_5$; II - C$_{10}$H$_{16}$O$_4$N$_{12}$

Pharmacological class / Application: detergent auxiliary

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 tetraacetylethylenediamine 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 tetraacetylene diamine are not included in the schedules to the CDSA and are not controlled substances.