

NTP NOMINATION OF SILICOFLUORIDES FOR STUDY

Substances Nominated to the NTP for Toxicological Studies and Recommendations Made by the ICCEC on April 17, 2002.

“Table 1. -- Substances Recommended for Study Substance [CAS No.]

....

Hexafluorosilicic acid [16961-83-4] and Sodium hexafluorosilicate [16893-85-9]

Nominated by: Private Individuals (multiple nominations)

Nominated for: -Chemical characterization -Toxicological characterization including chronic toxicity, carcinogenicity, neurotoxicity, and toxicokinetics. -Mechanistic studies related to cholinesterase inhibition and lead bioavailability

Rationale for Nomination: Primary agents used to fluoridate public drinking water systems; lack of toxicity information; assumed complete dissociation to free fluoride under normal conditions of use not supported by experimental evidence.

ICCEC Recommendations: - Chemical characterization studies to assess chemical fate under aqueous conditions - Toxicological studies may be considered when results of chemical characterization studies are available for review.”

Source: Above “information about substances nominated to the NTP for toxicology and carcinogenesis studies and the ICCEC’s recommendations was published in the *Federal Register* on June 12, 2002 (Vol. 67, No. 113, p. 40329-33). This notice is available on the web (<http://ntp-server.niehs.nih.gov/htdocs/Liason/ICCECFinal02JuneFR.html>) along with supporting documents for each nomination: (<http://ntp-server.niehs.nih.gov/htdocs/liason/BkgrSum02June.html>)...”