

**Date:** September 2002

**Calculator:** Elisabeth Harrahy, Ph.D.

SECONDARY VALUES FOR INDENO[1,2,3-CD]PYRENE (CAS # 193-39-5)

A search was conducted for information on the chemical properties and toxicity of indeno[1,2,3-cd]pyrene (to human health and to fish and aquatic life) using the following databases and search engines: ECOTOX (toxicity to fish and aquatic life), IRIS (Integrated Risk Information System; toxicity to human health), CHEMFATE (environmental fate), and ChemFinder (chemical properties). This search yielded some information on indeno[1,2,3-cd]pyrene's properties (log octanol/water partition coefficient and water solubility), but very little data on its toxicity. There is only one report in the ECOTOX database for this chemical (results of a toxicity test with the zebra mussel), and while it is listed as a Class B2 carcinogen (probable human carcinogen) in the IRIS database, there is no cancer slope factor currently available. Therefore, it is not possible to calculate any secondary values for indeno[1,2,3-cd]pyrene at this time.