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SECONDARY VALUES FOR BENZO[G,H,I]PERYLENE (CAS # 191-24-2)

A search was conducted for information on the chemical properties and toxicity of benzo[g,h,i]perylene (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 benzo[g,h,i]perylene's properties (log octanol/water partition coefficient and water solubility), but very little data on its toxicity. There are only eight reports in the ECOTOX database for this chemical, but none of the studies listed meet acceptability criteria. Benzo[g,h,i]perylene is listed as Class D, not classifiable as to human carcinogenicity, in the IRIS database, but there is no oral reference dose currently available. Therefore, it is not possible to calculate any secondary values for benzo[g,h,i]perylene at this time.