SUMMARY TABLE

CAS No. 31570-04-4 PHYSICAL/CHEMICAL ELEMENTS	DATE	RESULTS	FULFILLS REQUIREMENT
Melting Point	2000	268.5 °C	Yes
Boiling Point	2000	619.8 °C	Yes
Vapor Pressure	2000	4.7×10^{-14} mm Hg	Yes
Partition Coefficient	2000	log P = 18.1	Yes
Water Solubility	2000	2.9×10^{-14} mg/L (25 °C)	Yes
ENVIRONMENTAL FATE ELEMENTS			
Photodegradation	2000	For reaction with hydroxyl radical, predicted rate constant = 23.9×10^{-12} cm^3/molecule-sec predicted half-life = 5.4 h	Yes
Stability in Water		Hydrowin model cannot estimate stability in water for this structure	New test data (OECD 111) will be developed within 12 months (6/01)
Fugacity	2000	Predicted distribution using Level III Fugacity Model Air 0.053% Water 1.19% Soil 36.1% Sediment 62.6%	Yes
Biodegradation	1989	Not biodegradable 3 - 6% after 28 days	Yes
ECOTOXICITY ELEMENTS			
Acute Toxicity to Fish	1976	Bluegill (Lepomis macrochirus): LC_{50} = 84 ppm	Yes
Toxicity to Aquatic Plants	1993	Green algae (Scenedesmus subspicatus): EC_{50}, growth (0-72 h) > 75.2 mg/L NOEC, growth (0-72 h) = 75.2 mg/L	Yes
Acute Toxicity to Aquatic Invertebrates	1988	Daphnia magna: EC_{50} (24 h) calculated = 510 mg/L EC_0 (24 h) = 180 mg/L EC_{100} (24 h) = 1000 mg/L	Yes

SUMMARY TABLE, CONTINUED

CAS No. 31570-04-4 HEALTH ELEMENTS	DATE	RESULTS	FULFILLS REQUIREMENT
Acute Toxicity	1974	Rat: LD_{50} (Oral) > 6000 mg/kg	Yes
	1992	Rat: LD_{50} (Dermal) > 2000 mg/kg	Yes
Genetic Toxicity in vivo	1982, 1989	Chinese hamster: No evidence of effect on sister chromatid exchange	Yes
	1982, 1989	Chinese hamster: No evidence of effect on chromatid or chromosome-type aberrations	Yes
	1980	Chinese hamster: No evidence of increase in bone marrow cells with anomalies of nuclei	Yes
	1978	Mouse: No evidence of dominant lethal effects or reduced fertility	Yes
Genetic Toxicity in vitro	1978	Salmonella typhimurium: Not mutagenic	Yes
	1982	Saccharomyces cerevisiae: Not mutagenic	Yes
Repeated Dose Toxicity	1975	Rat: NOEL = 250 mg/kg/day	Yes
	1976	Rat: NOEL = 500 mg/kg/day	Yes
	1978	Dog: NOEL > 318 mg/kg/day	Yes
Reproductive Toxicity	1985	Rat: No evidence of reproductive toxicity	Yes
Developmental Toxicity/ Teratogenicity	1983	Rabbit: Not teratogenic	Yes