AR201-12614b2

ROBUST SUMMARY

ON

PHOSPHOROUS ACID, CYCLIC NEOPENTANETETRAYL DIPHENYL ESTER

CAS No. 144-35-4

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ROBUST SUMMARY

PHOSPHOROUS ACID, CYCLIC NEOPENTANETETRAYL DIPHENYL ESTER

PHOSPHOROUS ACID, CYCLIC NEOPENTANETETRAYL DIPHENYL ESTER CAS NO: 144-35-4		Information	OECD Study	GLP	Other Study	Estimation Method	Acceptable	SIDS Testing Required
STUDY		Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
PHYSICAL AND CHEMICAL DATA								
1.0	Melting Point	N						Y
2.0	Boiling Point	N						Y
3.0	Vapour Pressure	Y	N	N	Y	N	Y	N
4.0	Partition Coefficient	N						Y
5.0	Water Solubility	N						Y
ENVIRONMENTAL FATE AND PATHWAY								
6.0	Photodegradation	N						Y
7.0	Stability in Water	N						Y
8.0	Transport and Distribution	N						Y
9.0	Biodegradation	N						Y
ECOTOXICITY								
10.0	Acute Toxicity to Fish	N						Y
11.0	Toxicity to Algae	N						Y
12.1	Acute Toxicity to Daphnia	N						Y
12.2	Chronic Toxicity to Daphnia	N						Y
TOXICITY								
13.1	Acute Oral	N						Y
13.2	Acute Inhalation	N						Y
13.3	Acute Dermal	N						Y
14.0	Genotoxicity *In Vivo* (Chrom. Aberrations)	N						Y
15.1	Genotoxicity *In Vitro* (Bacterial Test)	N						Y
15.2	Genotoxicity *In Vitro* (Mammalian Cells)	N						Y
16.0	Repeated Dose	N						Y
17.0	Reproductive Toxicity	N						Y
18.0	Development Toxicity / Teratogenicity	N						Y

PHYSICAL AND CHEMICAL DATA

1.0 MELTING POINT

No studies were found.

2.0 BOILING POINT

No studies were found.

3.0 VAPOR PRESSURE

Value:	0.0012 Torr
Temperature:	20° C
Method:	Calculated [ ] Measured [X] ASTM D2879 (Isoteniscope)
GLP:	Yes [ ] No [X] ? [ ]
Remarks:	
Reference:	Phoenix Chemical Laboratory Inc., May 19, 1997, Report No. 7 4 24 19, page 22 of 22.

4.0 PARTITION COEFFICIENT ($\log_{10}P_{ow}$)

No studies were found.

5.0 WATER SOLUBILITY

A. Solubility

No studies were found.

B. pH Value, pKa Value

No studies were found.

ENVIRONMENTAL FATE AND PATHWAYS

6.0 PHOTODEGRADATION

No studies were found.

7.0 STABILITY IN WATER

No studies were found.

8.0 TRANSPORT AND DISTRIBUTION BETWEEN ENVIRONMENTAL COMPARTMENTS, INCLUDING ESTIMATED ENVIRONMENTAL CONCENTRATIONS AND DISTRIBUTION PATHWAYS

A. TRANSPORT

No studies were found.

B. THEORETICAL DISTRIBUTION (FUGACITY CALCULATION)

No studies were found.

9.0 BIODEGRADATION

No studies were found.

ECOTOXICOLOGICAL DATA

10.0 ACUTE/PROLONGED TOXICITY TO FISH

No studies were found.

11.0 TOXICITY TO AQUATIC PLANTS (e.g. Algae)

No studies were found.

12.1 ACUTE TOXICITY TO AQUATIC INVERTEBRATES

A. Daphnia

No studies were found.

B. Other aquatic organisms

No studies were found.

12.2 CHRONIC TOXICITY TO AQUATIC INVERTEBRATES

No studies were found.

TOXICITY

ACUTE TOXICITY

13.1 ACUTE ORAL TOXICITY

No studies were found.

13.2 ACUTE INHALATION TOXICITY

No studies were found.

13.3 ACUTE DERMAL TOXICITY

No studies were found.

14.0 GENETIC TOXICITY *IN VIVO*

No studies were found.

GENETIC TOXICITY *IN VITRO*

15.1 BACTERIAL TEST

No studies were found.

15.2 NON-BACTERIAL IN VITRO TEST (MAMMALIAN CELLS)

No studies were found.

16.0 REPEATED DOSE TOXICITY

No studies were found.

17.0 REPRODUCTIVE TOXICITY

No studies were found.

18.0 DEVELOPMENTAL TOXICITY/TERATOGENICITY

No studies were found.