Phosphoric acid,4-(methylthio)phenyl dipropyl ester (cas 7292-16-2) MSDS

MSDS

CAS : 7292-16-2
SYNONYMS : * O,O-Di-n-propyl-O-(4-methylthiophenyl)phosphate
             * Kayaphos
             * Kayphosnac
             * 4-Methylthiophenyl dipropyl phosphate
             * NK-1158
             * Phosphoric acid, dipropyl 4-methylthiophenyl ester
             * Phosphoric acid, 4-(methylthio)phenyl dipropyl ester
             * Propaphos

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ Phosphoric acid, p-(methylthio)phenyl dipropyl ester 7292-16-2 ]

*** CHEMICAL IDENTIFICATION ***

RTECS NUMBER : TC6586000
CHEMICAL NAME : Phosphoric acid, p-(methylthio)phenyl dipropyl ester
CAS REGISTRY NUMBER : 7292-16-2
BEILSTEIN REFERENCE NO. : 2990614
LAST UPDATED : 199612
DATA ITEMS CITED : 6
MOLECULAR FORMULA : C13-H21-O4-P-S
MOLECULAR WEIGHT : 304.37
WISWESSER LINE NOTATION : 3OPO&O3&OR DS1
COMPOUND DESCRIPTOR : Agricultural Chemical
SYNONYMS/TRADE NAMES :
                           * O,O-Di-n-propyl-O-(4-methylthiophenyl)phosphate
                           * Kayaphos
                           * Kayphosnac
                           * 4-Methylthiophenyl dipropyl phosphate
                           * NK-1158
                           * Phosphoric acid, dipropyl 4-methylthiophenyl ester
                           * Phosphoric acid, 4-(methylthio)phenyl dipropyl ester
                           * Propaphos
** ACUTE TOXICITY DATA **

** TYPE OF TEST **
LD50 - Lethal dose, 50 percent kill

** ROUTE OF EXPOSURE **
Oral

** SPECIES OBSERVED **
Rodent - rat

** DOSE/DURATION **
61 mg/kg

** TOXIC EFFECTS **
Details of toxic effects not reported other than lethal dose value

** REFERENCE **
FMCHA2 Farm Chemicals Handbook. (Meister Pub., 37841 Euclid Ave.,
Willoughy, OH 44094) Volume(issue)/page/year: -,C177,1991

** TYPE OF TEST **
LD50 - Lethal dose, 50 percent kill

** ROUTE OF EXPOSURE **
Administration onto the skin

** SPECIES OBSERVED **
Rodent - rat

** DOSE/DURATION **
88500 ug/kg

** TOXIC EFFECTS **
Details of toxic effects not reported other than lethal dose value

** REFERENCE **
FMCHA2 Farm Chemicals Handbook. (Meister Pub., 37841 Euclid Ave.,
Willoughy, OH 44094) Volume(issue)/page/year: -,C177,1991

** TYPE OF TEST **
LDLo - Lowest published lethal dose

** ROUTE OF EXPOSURE **
Intraperitoneal

** SPECIES OBSERVED **
Rodent - rat

** DOSE/DURATION **
35 mg/kg

** TOXIC EFFECTS **
Sense Organs and Special Senses (Eye) - lacrimation
Lungs, Thorax, or Respiration - respiratory stimulation
Skin and Appendages - hair

** REFERENCE **
HDIZAB Hiroshima Daigaku Zasshi. Medical Journal of the Hiroshima
University. (Hiroshima Daigaku Igakubu Saikingaku Kyoshitsu, Kasumi-cho,
Hiroshima, Japan) V.10- 1962- Volume(issue)/page/year: 26,91,1978

** TYPE OF TEST **
LD50 - Lethal dose, 50 percent kill

** ROUTE OF EXPOSURE **
Oral

** SPECIES OBSERVED **
Rodent - mouse

** DOSE/DURATION **
90 mg/kg

** TOXIC EFFECTS **
Details of toxic effects not reported other than lethal dose value
REFERENCE:
JPIFAN Japan Pesticide Information. (Japan Plant Protection Assoc.,
1-43-11, Komagome, Toshima-ku, Tokyo 170, Japan) No.1-61, 1969-92. For
publisher information, see AGJAEP. Volume(issue)/page/year: (40),32,1982

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Administration onto the skin
SPECIES OBSERVED: Rodent - mouse
DOSE/DURATION: 156 mg/kg
TOXIC EFFECTS:
Details of toxic effects not reported other than lethal dose value

REFERENCE:
JPIFAN Japan Pesticide Information. (Japan Plant Protection Assoc.,
1-43-11, Komagome, Toshima-ku, Tokyo 170, Japan) No.1-61, 1969-92. For
publisher information, see AGJAEP. Volume(issue)/page/year: (40),32,1982

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Unreported
SPECIES OBSERVED: Bird - chicken
DOSE/DURATION: 2500 ug/kg
TOXIC EFFECTS:
Details of toxic effects not reported other than lethal dose value

REFERENCE:
FMCHA2 Farm Chemicals Handbook. (Meister Pub., 37841 Euclid Ave.,
Willoughy, OH 44094) Volume(issue)/page/year: -,C177,1991

*** END OF RECORD ***