US EPA ARCHIVE DOCUMENT

6-10-76 PP-318 TR2-1224

(b)

Registration Human Safety Review TH: [illegible] TOX Reviewer: [illegible]

PP#	Date	Product Name	Use Classification	Toxicity Category
0182 RA	6/10/76	Pirimor 50 WP	Nondomestic General	II

RECOMMENDATION: // register // other (explain) Geo No. 33 YC

NAC

Data reviewed: 10182 T7 and Petition # 5-F1005

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		TECH	FORMULATION	USE DILUTION	DATA ACCEPTABLE
Acute Oral (Rat)	LD50	147 mg/Kg	350 mg/Kg		✓

Toxic signs: Typical ChE inhibition symptoms

Comments:

67% inhibition plasma ChE

92% inhibition erythrocyte ChE

Acute Dermal (Rabbit) Rat	LD50	7 500 mg/kg	7 500 mg/kg		✓

Toxic signs: None

Comments:

Acute Inhalation (Rat)	LC_{50}	100 mg/m³	7 mg/m³		✓

Toxic signs: No smoke

Comments: 20 mg/m³ saturated atmosphere (formulation) showed no toxic signs sol, Plasma cholinesterase activity was reduced 92%. RBC ChE depression not significant - Histopathology not extraordinary.

Primary Eye Irritation (Rabbit) Draize score:	0.0	1.5			✓

Comments: One drop 50 mg/ml (Technical) → Non irritating → No corneal damage

one drop 100 mg/ml (Formulation) → slight irritation → No corneal damage

Primary Skin Irritation (Rabbit) Draize score:	0	0.5			✓

Comments: Technical 25% sol. → Non irritating

Formulation 50% paste → slight irritation

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Other Studies: Subacute Inhalation (Rat) (Technical). LC_{50} = 500 mg/Kg (3 weeks (0.4 mg/m³ or 0.0 ppm → No toxic effects produced No significant plasma or RBC ChE depression.

Teratology (Rabbit) → No fetal abnormalities were reported.

Sub acute Dermal (Tech) → 14 days 500 mg/Kg → No effect

-Over-

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acute Dermal (Formulation) → 6 days 100 mg/Kg →

No effect

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eurotoxicity (Hens) → 21 days + 21 days No signs of delayed ataxia or other Neurotoxic symptoms

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