6-10-76 BB-318 TXR-1724

...istration Human Safety Review | PM: ... | Tox Reviewer: ...

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

RECOMMENDATION: / / register / / other (explain)

NAC

Data reviewed: 10182 - 7 and Petition # 5 F1608

001724

		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	> 500 mg/kg	> 500 mg/kg		✓

Toxic signs: None

Comments:

Acute Inhalation (Rat)	LC50	30 mg/m³	> 20 mg/m³		✓

Toxic signs: as smoke

Comments: 20 mg/m³ saturated Atmosphere (formulation) showed No toxic signs but, Plasma cholinesterase activity was reduced 40% - 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). LC50 = 500 mg/kg (3 weeks) (0.4 mg/m³ or 0.04 PPM → No toxic effects produced No significant plasma or RBC ChE depression.

Teratology (Rabbit) → No fetal abnormalities were reported.

subacute Dermal (Tech) → 14 days 500 mg/kg → No effect

-Over-

6/10/76

acute dermal (formulation) → 6 days 100 mg/kg →
No effect

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

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