

Registration Human Safety Review

PM: Miller # 11

TOX Rev: 12/1/79

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EPA #	Date	Product Name	Use Classification	Toxic Category
AE 2548-AG	6/29/77	Detia Phosphine pellets Detia Gas ex-T aluminum phosphide	Restricted	I

RECOMMENDATION: ☒ register ☐ other (explain)

aluminum phosphide pellets of differing size.

Tolerance of 0.1 PPM in grain

Fumigant - yields phosphine, PH_3
upon contact with H_2O and air.

Acute Oral (Rat)	LD50	TECH	FORMULATION	USE DILUTION	DATA ACCEPTABLE
			8.7 mg/kg		yes

Toxic signs: ↓ motor activity, incoordination, Swallowing

Comments: tremor, eparktholmos, hyperexcitability

Tox Cat I

~~test animals~~

used 0.1% in anhydrous aline air

Literature data

Acute Dermal (Rabbit)	LD50				
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Toxic signs:

Comments:

not submitted (not a likely route of exposure)

Acute Inhalation ()	LC50				
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Toxic signs:

Comments:

Rat 0.015 mg/L
 Rabbit 0.035 mg/L
 G.P. 0.035 mg/L
 } Tox Cat I

Literature data

Primary Eye Irritation (Rabbit) Draize score:					
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Comments:

not submitted (not a likely route of exposure)

Primary Skin Irritation (Rabbit) Draize score:					
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Comments:

not submitted

Other Studies:

OSHA standard is 400 ug/m³

B for OEP/6/29/77