

Phoxim

Common name: phoxim

IUPAC name : *O,O*-diethyl α -cyanobenzylideneamino-oxyphosphonothioate;
2-(diethoxyphosphinothioxyimino)-2-phenylacetonitrile

Molecular formula: C₁₂H₁₅N₂O₃PS

Molecular weight: 298.3

Formulations: 3%GR、40%EC

Uses

Control of stored-product insects in granaries, mills, silos, ship, etc.; ants and other insects in maize, vegetables, potatoes, beet and cereals, also migratory locusts. Applied at 360-540g/ha.

3% GR characteristics:

Item	Index
Appearance	Indigo or rufous loosen granule
Content, %	≥ 3.0
PH value	4.0-7.0

40% EC characteristics:

Item	Index
Appearance	Even liquid
Content, %	≥ 40.0
Acidity (calculated by H ₂ SO ₄)	≤ 0.3

TC characteristics:

Item	Index
Appearance	Light yellow to red-brown oily liquid
Content, %	≥ 91.0
Acidity(calculated by H ₂ SO ₄)	≤ 0.1

Storage and transportation:

Put in a ventilated and dry place. Keep away from food, seed and feed. Do not touch eyes, skin and be absorbed by mouth and nose.