

Cymoxanil

CAS No.: 57966-95-7

Chemical name: 2-cyano-N-[(ethylamino) carbonyl]-2-(methoxyimino)acetamide

Chemical Class/Use: acetimide compound used as both a curative and preventative foliar fungicide

Specific gravity: At 18 C, absolute density is 1.32g/cm³; bulk density is 0.39 g/ml (24.5 lb/ft³)

Solubility in water: 0.1g/100g solvent at 25C

Solubility in other solvents: Aqueous buffers at 20 C: 890 ppm at pH5; 780 at pH7; unstable at pH9

Organic Solvents at 20 C: 62.4 mg/ml in acetone; 133 mg/ml in methylene chloride; 57.0 mg/ml in acetonitrile; 28 mg/ml in ethyl acetate; 22.9 mg/ml in methanol; 5.29 mg/ml in toluene; 1.43 mg/ml in 1-octanol; and 37 ppm in n-hexane

Melting point: 159-160C

Boiling point: not a liquid

Vapor pressure: 1.50×10^{-4} Pascals at 20C (1.1×10^{-6} mm/Hg)

INTRODUCTION:

It is an acetimide compound used as both a curative and preventative foliar fungicide. In Europe it is being sold for use on grapes, potatoes, tomatoes, hops, sugarbeets and other vegetable crops.