

Trichlorfon·Malathion

Trichlorfon

Common name: trichlorfon

IUPAC name: dimethyl 2,2,2-trichloro-1-hydroxyethylphosphonate

Molecular weight: 257.4

Molecular formula: $C_4H_8Cl_3O_4P$

Malathion

Common name: malathion

IUPAC name: diethyl (dimethoxythiophosphorylthio)succinate; *S*-1,2-bis(ethoxycarbonyl)ethyl *O,O*-dimethyl phosphorodithioate

Molecular weight: 330.3

Molecular formula: $C_{10}H_{19}O_6PS_2$

Formulation:40%EC

40% EC characteristics:

Item	Index
Appearance	Even liquid
Content(trichlorfon), %	≥ 22.0
Content(malathion),%	≥ 18.0
Water, %	≤ 0.3
Acid(calculated by H_2SO_4), %	≤ 0.3

Uses

Insecticidal control in agriculture, horticulture, forestry, food storage, gardening, households, and animal husbandry. In particular, control of Diptera, Lepidoptera, Hymenoptera, Hemiptera and Coleoptera on many crops.

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.