

CAS No: 35554-44-0
RTECS No: NI4776000
EC No: 613-042-00-5

Allyl 1-(2,4-dichlorophenyl)-2-imidazol-1-ylethyl ether
1-(2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl)-1H-imidazole
Enilconazole
C₁₄H₁₄Cl₂N₂O
Molecular mass: 297.2

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible. Liquid formulations containing organic solvents may be flammable. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION			

EXPOSURE			
Inhalation			Fresh air, rest.
Skin		Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
Eyes	Redness. Pain.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion	Nausea.	Do not eat, drink, or smoke during work. Wash hands before eating.	Rinse mouth. Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Sweep spilled substance into sealable containers. Carefully collect remainder, then remove to safe place. (Extra personal protection: chemical protection suit including self-contained breathing apparatus).	Xn Symbol N Symbol R: 20/22-41-50/53 S: (2-)26-39-60-61 Do not transport with food and feedstuffs.

EMERGENCY RESPONSE	STORAGE
	Provision to contain effluent from fire extinguishing. Separated from food and feedstuffs. Well closed. Keep in a well-ventilated room.

IMPORTANT DATA

Physical State; Appearance

LIGHT YELLOW TO BROWN CRYSTALLINE MASS (SOLIDIFIED OIL).

Chemical dangers

The substance decomposes on distillation or on burning producing toxic fumes of nitrogen oxides and chloride.

Occupational exposure limits

TLV not established.

Routes of exposure

The substance can be absorbed into the body by inhalation and by ingestion.

Inhalation risk

Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly on spraying.

Effects of short-term exposure

The substance irritates severely the eyes.

Effects of long-term or repeated exposure

The substance may have effects on the liver, resulting in impaired functions and tissue lesions.

PHYSICAL PROPERTIES

Boiling point: (estimated) 319-347°C

Melting point: 50°C

Relative density (water = 1): 1.2

Solubility in water, g/100 ml at 20°C: 0.14

Vapour pressure, Pa at 20°C: negligible

Flash point: 192°C

Octanol/water partition coefficient as log Pow: 4.56

ENVIRONMENTAL DATA

The substance is very toxic to aquatic organisms. Avoid release to the environment in circumstances different to normal use.

NOTES

If the substance is formulated with solvent(s) also consult the card(s) (ICSC) of the solvent(s).

Carrier solvents used in commercial formulations may change physical and toxicological properties.

Bromazil, Deccozil, Fecundal, Florasan, Freshgard, Fungaflor, Fungazil, Imaverol, Impala, Magnate, Sanazil are trade names.

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information