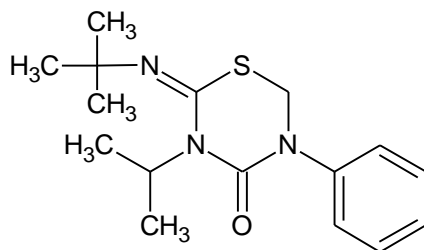


Synonyms

Buprofezin 25% SC;
2-[(1,1-Dimethylethyl)imino]tetrahydro-3-(1-methylethyl)-5-phenyl-4*H*-1,3,5-thiadiazin-4-one; 2-*tert*-Butylimino-3-isopropyl-5-phenylperhydro-1,3,5-thiadiazin-4-one

Chemical structure and identity

Molecular formula	C ₁₆ H ₂₃ N ₃ OS
Molecular weight	305.4
CAS number	69327-76-0
PRD number	AG452567

Specifications

Appearance	White to off-white suspension
Buprofezin content	25% minimum
Suspensibility	90% minimum
pH (1% solution)	6.0 to 8.5
Wet sieve test (75μ sieve)	99% minimum

Physical properties

Solubility in water	Forms suspension
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Description

CLADIS is a white to off-white suspension free from extraneous matter.

Applications

CLADIS is an IGR insecticide with contact and stomach action that inhibits moulting of nymphs and larvae, leading to their death. The product controls brown plant hopper, green leaf hopper, white backed plant hopper in paddy and sucking pests in other various crops.

Packaging

CLADIS is available in 500 ml and 1 L HDPE bottles. Other packaging may be considered on request.

Storage and handling

Keep containers tightly closed and store at ambient temperature. Store containers away from heat, direct sunlight and oxidising | reducing agents. Avoid contact with eyes, skin or clothing. Keep out of reach of children. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

Wear protective gloves, a dust mask and goggles. Keep material away from foodstuffs, beverages and feed. Wash hands thoroughly after handling this product. Do not inhale its vapour or mist. Always refer to the SDS for detailed information on safety.

First aid

Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

Skin contact: Wash the affected area thoroughly with soap and water. Immediately remove clothing contaminated by the product. Consult a physician.

Ingestion: Avoid ingestion. Never give anything by mouth to an unconscious person. If swallowed induce vomiting and consult a physician immediately.

Inhalation: Avoid inhalation. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

Spills and disposal

In case of spillage and | or leakage, absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines as applicable.

Contact

E-mail: crop_care@atul.co.in
Website: www.atul.co.in

Note

CLADIS® is a registered trade mark for Buprofezin 25% SC which belongs to Atul Ltd.