BRACO®

Technical Data Sheet | Crop Protection Business



Synonyms

Diafenthiuron 50% WP;

1-Tert-butyl-3-(2,6-di-isopropyl-4-phenoxyphenyl)thiourea; 1-(2,6-Diisopropyl-4-phenoxyphenyl)-3-tert-butylthiourea

Chemical structure and identity

Molecular formula Molecular weight CAS number C₂₃H₃₂N₂OS 384.578 80060-09-9

Specifications

Appearance

Diafenthiuron content

Suspensibility
Wettability

pH Wet sieve test Off-white coloured powder

50% minimum 75% minimum

60 seconds maximum 6.0 to 7.5 (1% solution)

99% minimum

Physical properties

Solubility in water

Forms suspension

Description

BRACO® is an off-white coloured powder free from extraneous matter.

Applications

 ${\sf BRACO}^{\circledcirc}$ is used as broad spectrum insecticide to control sucking insects and mites. It is an inhibitor of mitochondrial respiration and also exhibits trans laminar action with

vapourising effect for better insects and mite control.

Packaging

BRACO® is available in 250 g, 500 g and 1,000 g tri-laminated pouches. Other packaging may be considered on request.

Storage and handling

Keep containers tightly closed and store in a cool, dry and well-ventilated area. Do not store along with oxidising and acidic materials. Control dust formation. Avoid exposure to eyes, skin or clothing. 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 dust, smoke or mist. Always refer to the SDS for detailed information on safety.

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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. Remove clothing contaminated by the product. Consult a physician immediately.

Ingestion: Avoid ingestion as the product is harmful. Induce vomiting by giving a tablespoon of salt dissolved in a glass of warm water and repeat until vomit fluid is clear. Consult a physician immediately.

Inhalation: Avoid inhalation as the product is harmful. 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 a spill, collect the spilled material mechanically and keep in a container for subsequent disposal. Avoid formation of dust. 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

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Note

BRACO® is a registered trade mark for Diafenthiuron 50% WP which belongs to Atul Ltd.

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