

Technical Data Sheet | Crop Protection Business



Synonyms Isoprothiolane 40% EC:

Dipropan-2-yl 1,3-dithiolan-2-ylidenepropanedioate;

Diisopropyl-1,3-dithiolan-2-ylidenemalonate;

Bis(1-methylethyl)-2-(1,3-dithiolan-2-ylidene)propanedioate

Chemical structure and identity

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Molecular formula C₁₂H₁₈O₄S₂ Molecular weight 290.4 CAS number 50512-35-1 PRD number AG452440

Specifications Appearance

Isoprothiolane content

40% minimum 0.5% maximum Acidity as H₂SO₄ 0.5% maximum Alkalinity as NaOH

Emulsion test Comply Cold test Comply

Physical properties

Odour 1.01 to 1.02 g/ml Density Characteristic odour

Description

RHYZO is a yellow to light-brown coloured clear liquid free from extraneous matter.

Applications

RHYZO is a systemic fungicide with protective and curative action, absorbed by leaves and roots with translocation acropetally and basipetally. The product is recommended to

Yellow to light-brown coloured clear liquid

control blast in paddy.

Packaging

RHYZO is available in 250 ml to 1 L PET bottles. Other packaging can 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. Avoid exposure to 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.

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

Ingestion: Avoid ingestion as the product is harmful. Induce vomiting by tickling back of the throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious. 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 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

RHYZO® is a registered trade mark for Isoprothiolane 40% EC which belongs to Atul Ltd.

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