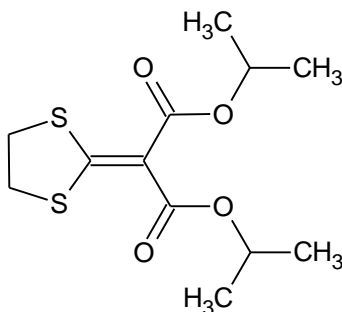


Synonyms

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



Molecular formula	C ₁₂ H ₁₈ O ₄ S ₂
Molecular weight	290.4
CAS number	50512-35-1
PRD number	AG452440

Specifications

Appearance	Yellow to light-brown coloured clear liquid
Isoprothiolane content	40% minimum
Acidity as H ₂ SO ₄	0.5% maximum
Alkalinity as NaOH	0.5% maximum
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 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.

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	<p>Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.</p> <p>Skin contact: Wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician immediately.</p> <p>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.</p> <p>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.</p>
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.