

Ambey Laboratories Limited

Material safety data sheet Hexaconazole 5% SC

1. IDENTIFICATION OF COMPANY & PRODUCT

Product Name : Hexaconazole 5% SC
Chemical Name : (RS)-2-(2, 4-dichlorophenyl)-1-(1H-1, 2, 4-triazol-1-yl) hexan-2-ol.
Users : Fungicides
Manufacturer : Ambey Laboratories Ltd.
Address : SP 1-5 RIICO Ind. Area. Sotanala, Behror-301701 Rajasthan (India)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Cas #	Percent Or Content(W/W)
Hexaconazole Technical	79983-71-4	5.00%
Other Ingredient	-	95.00%

3. HEALTH HAZARDS IDENTIFICATION

Ingestion : Harmful if swallowed.
Eye Contact : Non-irritant to mucous membrane of eyes of rabbits.
Skin Contact : Non-irritant to skin of rabbits.
Environment : Dangerous for the environment. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Eye contact: Dangerous for the environment. Very toxic to aquatic organisms, may cause longterm adverse effects in the aquatic environment.

Skin contact: Carefully remove contaminated clothing. Wash affected area with soap and water. Seek medical aid if required.

Ingestion: If the material was swallowed and signs of toxicity are severe, induce vomiting. Keep the person calm and comfortable and obtain medical assistance as soon as possible.

Inhalation: If inhaled, remove to fresh air and keep at rest. Obtain medical aid if required.

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5. FIRE FIGHTING MEASURES

Flash point : Non-flammable

Special exposure Hazards : Combustion or thermal decomposition will evolve toxic and irritant vapors.

Suitable Extinguishing Media: If product is involved in a fire, use water spray, foam, dry powder, carbon dioxide or sand.

Fire fighting Precaution : Do not breathe fumes. Wear self-contained breathing apparatus.

Fire fighting Guidance : Whenever Hexaconazole is involved in a major fire, advise the fire service to wear protective clothing and breathing apparatus. Inform the fire service and other relevant authorities that Hexaconazole is toxic to aquatic organisms, and that water should be used only to cool unaffected stock. In this way, the accumulation of polluted run-off from the site is prevented.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid contact with spilled material or contaminated surfaces. If ordinary clothing becomes contaminated remove it immediately. When dealing with the spillage do not eat, drink or smoke and wear personal protective clothing.

Environmental precautions : Keep people and animals away. Prevent entry into drains, sewers and watercourses.

Methods for cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.



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7. HANDLING AND STORAGE

Handling:

Wear chemically impervious gloves such as neoprene or nitrile. Wear safety glasses, goggles or face shield. Mechanical ventilation should be used when handling this product in enclosed spaces. Read and observe all precautions and instructions on the label.

Storage:

Store in original containers, upright and closed. Store in areas that are cool, dry and well ventilated. Store away from seeds, fertilizers and animal feed stuff.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Mechanical ventilation should be used when handling this product in closed spaces.

Respiratory protection: NIOSH approved organic vapor respirator in absence of mechanical ventilation.

Eye protection: Wear safety goggles with imperforated side shield and face shield.

Hand Protection: Wear chemical resistant gloves.

Skin Protection: Avoid contact with skin. Wear apron, boots and full protective suit.

Environmental exposure controls: Keep away from food, drink and animal feed stuff. This material and its container must be disposed of as hazardous waste. Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: White
Odor	: Odorless
Density	: 1.04 g/cm ³
Ph	: 4-8 at 1% w/v
Solubility in Water	: Emulsify in water



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10. STABILITY AND REACTIVITY

Stability	: Stable for two years at ambient conditions
Conditions to avoid	: Avoid excessive heat and flame
Incompatibilities	: Strong acidic / alkaline materials
Materials to avoid	: None under normal condition of use
Hazardous decomposition Products	: Thermal decomposition may release ammonia, carbon monoxide and carbon dioxide and oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	: LD50 (rats) > 2000 mg/kg
Acute Dermal Toxicity	: LD50 (Rats) > 2,000 mg/kg b.w
Acute Inhalation	: LC50 (rats) : >5.9 mg/l
Eye Irritation	: Rabbit : Moderate Irritant
Skin Irritant	: Non irritant Skin
sensitization	: Non sensitizer

12. ECOLOGICAL INFORMATION

Birds : Acute oral LD50 for (8 d) for Mallard ducks >4000 mg/kg

Fish : LC50 (96 h) for Rainbow trout 3.4 mg/l, Mirror carp 5.94 mg/l Sheep head minnows 5.4 mg/l

Bees : LD50 (Oral, Contact, 48 h) : 0.1 mg / bee

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Do not empty into drains or waterways. Disposal of product would usually be by incineration in an appropriate licensed commercial incinerator. Advice may be obtained from local waste regulation authorities.

Container Disposal Method: Lightly contaminated packaging may be accepted for landfill, otherwise incineration will be required.



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14. TRANSPORT INFORMATION

UN No. : 2902
Class : 6.1
Pack group : III
Proper Shipper Name : PESTICIDE LIQUID, TOXIC, N.O.S

15. REGULATORY INFORMATION

Symbol : Xn : Harmful

Special Risks : R22 : Harmful if swallowed.

(R-Phrases)

R51/5 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety Advice

(S- Phrases) :

S 2 : Keep out of the reach of children

S24/25: Avoid contact with skin and eyes..

S36/37 : Wear suitable protective clothing and gloves

S57: Use appropriate containment to avoid environmental contamination.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

16. OTHER INFORMATION

The information contained in this safety data sheet is given in good faith. It is accurate to our best of knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of work place risk as required by other health and safety legislation. Ambey Laboratories Ltd. will not be liable for any claims or damages arising out of use of this information.

