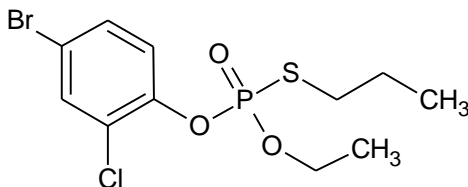


Synonyms

Profenofos 50% EC;
O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propylphosphorothioate;
O-(4-Bromo-2-chlorophenyl)phosphorothioic acid O-ethyl S-propyl ester

Chemical structure and identity

Molecular formula	C ₁₁ H ₁₅ BrClO ₃ PS
Molecular weight	373.60
CAS number	41198-08-7
PRD number	AG459040
EINECS number	255-255-2

Specifications

Appearance	Light-brown coloured liquid
Profenofos content	50% minimum
Acidity as H ₂ SO ₄	1% maximum
Cold test	Comply
Emulsion test	Comply

Physical properties

Flash point	More than 24.5°C
Solubility in water	Forms emulsion
pH (1% solution)	6 to 7
Density	1.16 to 1.17 g/ml

Description

ORAX is a light-brown coloured liquid free from extraneous matter.

Applications

ORAX is a broad spectrum insecticide and acaricide of the organophosphorus group used to control a range of chewing and sucking insects in various crops.

Packaging

ORAX is available in 100 ml to 5 L tin containers. Other packaging may be considered on request.

Storage and handling

Keep containers tightly closed and store in a cool, dry and well-ventilated area. Protect the containers against physical damage. 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. Rinse mouth with water 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

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Website: www.atul.co.in

Note

ORAX® is a registered trade mark for Profenofos 50% EC which belongs to Atul Ltd.