



H.O. : 101 / 102, Kanchanganga, Factory Lane, Borivli (West), Mumbai - 400 092, INDIA.

Tel. : 91-22-2898 2133 / 44, 2898 7912 / 14, 2898 4439 / Fax : 91-22-2899 3948 Website : www.heranba.com

Marketing Office : 201/202, Dwarkesh, Above Tribhuvandas Bhimji Jhaveri, L. T. Road, Borivli (W), Mumbai - 400 092, INDIA.

Tel. : 91-22-2833 8443 / 44 / Fax : 91-22-2833 8445 / e-mail : heranba@vsnl.com

MATERIAL SAFETY DATA SHEET

PROPOXUR 20% EC

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: PROPOXUR 20% EC

Chemical class: Carbamate

Formulation: Emulsifiable Concentrate (EC)

Supplier: Heranba Industries Limited

Address: 101/102, Kanchanganga, Factory Lane, Borivli (W), Mumbai - 400 092, INDIA.

Telephone: +91-22-898 7912/14, 2133/44, 4439

Facsimile: +91-22-899 3948.

Website www.heranba.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	CAS NO.	PROPORTION (%w/w)
Propoxur	114-26-1	20.00
Other ingredients		Q.S.

3. HAZARDS IDENTIFICATION

Main Hazard

Harmful by inhalation and if swallowed. Irritating to eyes and skin. Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Eye effects: Moderately irritating.

Health effects:

Skin: Slightly irritating.

Ingestion: May be harmful when ingested.

Inhalation: May be harmful when inhaled.

4. FIRST AID MEASURES

EYE: Flush eyes with water for 15 minutes. Hold eyelids open while washing. Consult an eye specialist.

SKIN: Immediately remove contaminated clothing, including shoes. Wash affected area with plenty of water and soap. Speed in removing liquid from skin is of prime importance. Call doctor immediately.

INGESTED: Do not induce vomiting. Wash out mouth with water. Call doctor immediately.

INHALED: Move patient to fresh air and keep at rest. Call doctor immediately.

NOTE TO PHYSICIAN: The active ingredient in this product is a carbonate poison.

Symptoms of poisoning – Local: Temporary blurred vision due to contraction of the pupils (miosis) following contact with the eye. Systemic : Sweating, salivation, flushing, dizziness, abdominal pain, discomfort in the chest, muscle twitching, convulsions, respiratory failure, nausea, headache, vomiting, diarrhea, hypertensive effect, blurred vision.



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5. FIRE-FIGHTING MEASURES

Extinguishing Media:

Water spray, foam, CO₂, sand. Fight fire in early stages if safe to do so. Contain fire-fighting water and do not allow run-off fire fighting to enter drains or water courses.

Protective Clothing:

Wear respiratory protection. Full face mask with combination filter. Respiratory with independent air supply.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.

Unprotected persons must be kept away.

Environmental Precautions: Prevent entry into drains, waters or soil.

7. HANDLING AND STORAGE

Suitable material: Use only containers that are approved specifically for the substance/product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection – hand: Solvent resistant gloves.

Personal protection – eye NDA

Personal protection – skin NDA

Other protection Oxidizing properties None

Density 1.17g/cm³ at 20°C

Solubility – water Emulsifiable.

Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and at end of workday. Remove soiled or soaked clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Slightly yellowish liquid

Odour: Aromatic

Solubility in water: Emulsifiable

Density: Approx. 1,049 g/cm³ at 20°C

10. STABILITY AND REACTIVITY

Conditions to avoid: No hazardous reactions when stored and handled according to prescribed instructions.

Incompatible materials: None.

Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION



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Acute toxicity LD50 oral, rat – approx 250 mg/kg

LD50 dermal, rat > 5000 mg/kg

Irritation of the skin/rabbit – Slightly irritant

Eye irritant, rabbit – Moderately irritant

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

Disposal methods: Package product wastes. Close and label the waste receptacles and likewise, any un-cleaned empty containers. Dispose of them at a suitable waste disposal plant in accordance with the official regulations. Where large quantities are concerned, consult the manufacturer.

Disposal packaging: Triple rinse the container, then perforate and bury it.

14. TRANSPORT INFORMATION

UN no: 2992

Shipping name: Carbamate pesticide liquid, toxic

Class: 6.1

Packaging group: III

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.