

1: IDENTIFICATION

Chemical Name	2-chloro-N-(2,6-diethylphenyl)-N-(2-propoxyethyl)acetamide	
Synonyms	Pretilachlor 50% EC	Trade Name WEEDLIFT 50 EC
Uses	Herbicide	Molecular Formula C ₁₇ H ₂₆ ClNO ₂
Manufacturer/ Supplier	Ulink AgriTech Pvt. Ltd. Office Nos. 001 And 002, Ground Floor Wing "A" And Nos. 003 And 004 Ground Floor Wing "B", Nyati Tech Park, Wadgaon Sheri, Pune - 411014, Maharashtra	
Emergency Contact	9503095030	E-mail info@agrostar.in

2: COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Name	CAS #	Percent or Content (w/w)
Pretilachlor Technical	51218-49-6	50.00%
Emulsifiers A and B (Mixture of Ethylene oxide condensate of Alkyl-phenol and Sulphonated alkyl benzene)	68412-54-4 and 26264-06-2	11.00%
Solvent (Kerosene)	8008-20-6	39.00%
Total		100.00 %

3: HAZARD IDENTIFICATION

More important danger for the man: None

Dangers for the environment: Toxic to aquatic; low accumulation;

Physical-chemical dangers: Can decompose at high temperatures forming toxic gases

4: FIRST AID MEASURES

General: Have the product container, label or safety data sheet while seeking medical attention, a poison control center or physician, or going for treatment.

Inhalation: Move patients to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing is difficult, treat with artificial respiration. Immediately seek medical attention if symptoms are severe or persist

Ingestion: Do not induce vomiting; drink plenty of water. Then see doctor immediately.

Skin Contact: In case of contact with product, remove contaminated clothes and wash exposed skin area with plenty of water and soap immediately. Seek medical attention if irritation persists.

Eye Contact: Rinse immediately with plenty of water for several minutes. After 5 minutes remove contact lenses if present and continue rinsing with plenty of water. Continue to rinse with eyelid wide open for at least 15-20 minutes. Seek medical attention if irritation develops.

Note to physician: No specific Antidote. Treat symptomatically.

5: FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, foam, dry chemical powder and carbon oxide.

Specific Hazards: Particular risk: None.

Protection of Fire Fighters: Safety glasses or goggles, rubber gloves, shoes plus socks, long-sleeved shirt, and long pants.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: The product is harmful if inhaled or swallowed. Will irritate the eyes, nose, throat and skin. Avoid inhaling spray mist. Keep people and animals away and upwind.

Environmental Precaution: Do not allow runoff to enter drains and public waters. Notify the authorities if product enters.

Methods for Cleaning-up: Clear the liquid formation. Transfer to a properly labelled deposit that will be closed and sealed until the recovery of elimination of the product.

7: HANDLING & STORAGE

Handling: Keep out of reach of children. Avoid contact with the eyes, skin and clothing and avoid inhalation of product or spray mist. If in eyes, wash it immediately with water. After handling and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Do not contaminate food or use on household tanks.

Storage: Store in the closed, original container in a dry, cool, well-ventilated area, secure area at minimum storage temperatures. Store in locked room or place away from children, animals, food, animal feed, seed and fertilizers

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

General Protection: Avoid breathing dust, vapours or aerosols. Avoid contact with eyes and skin. While handling the product wear cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and contaminated clothing.

Personal Protection: Follow all precautions and instructions on the label. In all other cases the following recommendations would apply.

Respiratory Protection: Always use NIOSH/MSHA approved respiratory protection equipment with a universal filter type including particle filter.

Skin Protection: Wear suitable protective clothing, including long sleeved shirt, long pants, gloves, coveralls, and boots to avoid skin contact.

Hand Protection: Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC) or Viton.

Eye Protection: Safety goggles, chemical splash goggles or face shield should be used. Safety showers and eyewash should be easily available.

Others: Wash clothing before reusing.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Light yellow to Brown

Water solubility: 20 mg/l (20 oC)

Odour: With a faint, sweet odour

Density: 1.070(25°C)

Vapor pressure: 0.6mPa

Acidity : 0.2% as H₂SO₄

Flash point: >53°C (Tag closed cup)

pH: 7-9

Melting point: > 5 °C

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances.

Conditions to Avoid: Avoid heat and fire.

Hazardous Decomp. Products: Toxic gases.

11: TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ for rat:>5010mg/kg

Skin Sensitization (Guinea Pig): Non-sensitizer

Skin irritation (rabbit): Moderate irritant

Acute dermal LD₅₀ for rat:>2150mg/kg

Inhalation: Not applicable

Eye irritation (rabbit): Slightly irritant

12: ECOLOGICAL INFORMATION

Ecotoxicity:

Fish : LC₅₀ (96 h) for rainbow trout 0.52, bluegill sunfish 0.44, carp 0.32, channel catfish 0.10 ~ 0.14, fathead minnow 0.31 mg/l. Daphnia LC₅₀ (48 h) 2.4 mg/l. LC₅₀(96 h) for crayfish 26 mg/l.

Bird: Acute oral LD₅₀ for mallard ducks >4640 mg/kg. Dietary LC₅₀ (5 d) for mallard ducks >10000, bobwhite quail 6597 mg/kg diet.

Bee.: LD₅₀ (contact) >100µg/bee;

Bio-accumulation Potential: No data available

Persistence, Degradability and Mobility in soil: No data available

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state and environmental regulations.

14: TRANSPORT INFORMATION

UN No. 2769

Class: 6.1

15: REGULATORY INFORMATION

Not applicable

16: OTHER INFORMATION

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