

1: IDENTIFICATION

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| Chemical Name | 2-chloro-2',6'-diethyl-N-(2-propoxyethyl)acetanilide | | |
| Synonyms | Pretilachlor 37% EW | Trade Name | WEEDLIFT |
| Uses | Herbicides | 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 a.i. | 51218-49-6 | 37.0% |
| Other Ingredients | - | 63.0% |

3: HAZARD IDENTIFICATION

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| Human Health Hazard | Irritating to eyes Irritating to Skin |
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4: FIRST AID MEASURES

General: First aid personnel should pay attention to their own safety and use protective equipment if there is a potential for exposure to product. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation: Move patients to fresh air. Keep the patients calm. Allow patients to rest until recovered. If not breathing, give artificial respiration.

Ingestion: Rinse mouth with water and give plenty of water to drink. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

Skin Contact: In case of contact with product, immediately rinse with plenty of water. Remove and isolate contaminated clothing and shoes. Seek medical attention.

Eye Contact: Rinse immediately with plenty of water for several minutes with eyes wide open. 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 is known. Treat symptomatically

5: FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, foam, dry powder, carbon dioxide

Specific Hazards: On combustion toxic and/or irritant vapors may release.

Special Procedures: Minimize use of water to prevent environmental contamination. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. If possible remove containers from fire zone, cool them with water spray.

Protection of Fire Fighters: Do not breathe a fumes. Wear a self contained breathing apparatus. Wear suitable protective gloves and eye/face protection.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate spillage area. Avoid breathing fume. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from spill/ fumes.

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

Methods for Cleaning-up: Clean up spillage using absorbent materials, earth or sand. Collect in containers for disposal. Spilled product cannot be used further and must be disposed of in accordance with regulations. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Wear suitable protective equipment.

7: HANDLING & STORAGE

Handling: Do not smoke, drink, or eat during handling. Wash hands using liquid detergent. Wear protective clothing to avoid contact and/or inhalation with the product. Emptied containers retain vapor and product residue.

Storage: Store in cool, well-ventilated area. Protect from sunlight and humidity. Keep out of reach of children. Keep in original container and tightly closed when not in use. Keep product segregate from foods and animal feeds.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure area is well-ventilated and there is emergency exits and the risk-elimination area. Handle in accordance with good industrial hygiene and safety practice.

General Protection: Avoid contact with eyes and skin. While handling the product wear cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and face shield. 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 and shoes with socks, gloves, or cover all, as appropriate to avoid skin contact. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded

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 for eyes protection should be used. Safety showers and eyewash should be easily available.

Others: Wash clothing before reusing.

9: PHYSICAL/CHEMICAL PROPERTIES

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| Appearance: Creaming white liquid | Density[g/cc]: 1.00 - 1.06 | Physical State: Liquid | pH: 3 -5.5 |
| Colour: White | Odour : Faint, odour | Solubility in Water: Emulsifiable | |

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances

Conditions to avoid: Moisture, excessive heat and ignition

Hazardous thermal decomp. products: Toxic and irritating fume/gases may produced.

11: TOXICOLOGICAL INFORMATION

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| Rat oral LD50 [mg/kg] : 5508.10 | Rat inhalation LC50 [mg/l/4h] : >2.904 | Skin irritation (rabbit): Non-Irritant |
| Dermal (rat) LD50 [mg/kg]: > 2,000 | Skin Sensitization (Guinea Pig): No data available | Eye irritation (rabbit): Non-Irritant |

12: ECOLOGICAL INFORMATION

Ecotoxicity

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| Rainbow trout LC50 (96 hrs) [mg/L]: 0.52 | Mallard duck, LC50 oral [mg/kg] : >4640 | Honey bee, LD50 (48 hrs) g/bee: > 100 |
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13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Dispose of this product only according to the label. Do not contaminate drains, streams, rivers or waterways with the chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated Packaging: Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14: TRANSPORT INFORMATION

UN No. 3082 **Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S.

Land Transport (ADR/RID): Class-9, Packing group - III

Sea Transport (IMO/IMDG): Class-9, Packing group - III , Marine pollutant - Yes

Air Transport (IATA/ICAO): Class-9, Packing group - III

15: REGULATORY INFORMATION

Hazard Symbol: Xi Irritant **International WHO Toxicity Classification:** III - Slightly hazardous

Phrases R: R36/38, R42 **Phrases S:** S 2, S13, S20/21, S37

16: OTHER INFORMATION

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