



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet Pretilachlor 50% EC

1. IDENTIFICATION OF COMPANY & PRODUCT

Product Name : Pretilachlor 50% EC
Chemical Name : 2-chloro-2', 6'-diethyl-N-(2-propoxyethyl) acetanilide
Uses : Herbicide

Molecular Formula : C₁₇H₂₆ClNO₂
Manufacturer : SHREEJI PESTICIDES PVT LTD.
Address : Plot No. 69/P, Village - Manjusar, Tal. Savli, Dist. Vadodara - 391775
Gujarat, India :
Tele Fax Number 91 2667 264701

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Cas #	Percent Or Content(W/W)
Pretilachlor a.i.	51218-49-6	50.00 %
Other ingredients	---	50.00 %

3. HEALTH HAZARDS 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

Skin : Remove contaminated clothing and shoes, flush with plenty of water and soap.
Eyes : Flush with plenty of clear water for 15- 20 minutes.
Inhalation : Move affect person to fresh air and keep at rest until recovered. If not breathing, give artificial respiration and get to a doctor.
Ingestion : Do not induce vomiting; drink plenty of water. Then see doctor immediately.
Notes to physician : No specific antidote is known. Apply symptomatic therapy.

5. FIRE FIGHTING MEASURES

Extinguishing media to be used: Water spray, foam, dry chemical powder and carbon oxide.



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Don't use : Not applicable

Particular risk : None.

Measures of personal protection: Safety glasses or goggles, rubber gloves, shoes plus socks, long-sleeved shirt, and long pants.

6. ACCIDENTAL RELEASE MEASURES

Environmental Protection Measures following Accidents: Soak up with absorptive material such as sand, soil, diatomaceous earth, etc. Prevent material from spreading, e.g. by damming in with absorptive material. Collect material in specially marked, tightly closing containers. Spilled product cannot be used further and must be disposed of. If safe disposal is not possible, contact the manufacturer, the dealer or the local representative. Do not contaminate waters and sewers. Keep away from sources of ignition.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Avoid inhalation of fog and vapors. Do not eat, drink or smoke while working. In addition to the measures usually taken in chemical works like splash proof filling and measuring equipment (including vapor stripping), further personal protection measures may have to be implemented to avoid possible contact with the product.

Storage: Store the product in closed original containers. Protect from light and humidity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Inhalation Approved respirator.

Eye protection Safety goggles or face-shield is recommended.

Body Protection Heavy duty cotton or synthetic fabric working clothes (e.g. overalls). Heavy-duty shoes or boots.

Hand Protection Chemical-resistant gloves.

Precautionary measures after work Wash thoroughly shower, bathe and wash hair. Change clothing. Thoroughly clean Protective gear. Thoroughly clean contaminated equipment with soap or soda solution.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Yellow to brown liquid

Physical state Liquid



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Odour	Faint, sweet odour
Vapor pressure	0.133 mPa (20o C)
Density/Specific gravity	1.070(25o C)
Water Solubility	20 mg/l (20o C)
Other solubility	Soluble in most organic solvents including diethyl ether, acetone, benzene, ethanol, ethyl acetate and hexane
Melting point	> 5o C
Acidity (as H₂SO₄) % by mass,	Max. 0.02
Flash point	> 53o C

10. STABILITY AND REACTIVITY

Chemical stability	Stable under standard conditions.
Conditions to Avoid	Keep dry and avoid excessive heat and ignition.
Material Incompatibility	Store separately from feed, food and stimulants.
Hazardous decomposition	Combustion products are toxic and/or irritant.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50 (rats) 5508.10 mg/kg
Acute Dermal Toxicity	LD50 (Rabbits) > 2,000 mg/kg b.w
Acute Inhalation	LC50 (rats) : >2.904 mg/l
Eye Irritation Rabbit	Non irritant
Skin Irritant Rabbit	Non irritant

12. ECOLOGICAL INFORMATION

Birds	Acute oral LD50 for Mallard ducks: >4640 mg/kg. Dietary LC50 (8 d) for Bobwhite quail: 6597 mg/kg.
Fish	LC50 (96 h) for Bluegill sunfish 0.44 mg/l. Rainbow trout 0.52 mg/l.
Bees	LD50 (contact) > 100 g/bee.



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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Do not contaminate water, foodstuff or feed by disposal. Open dumping or burning of this product or its packaging is prohibited. Burning in an incinerator can be made in accordance with local relevant laws and regulations. However, the appropriate regulatory agencies should be contacted prior to disposal, because, because acceptable methods of disposal may vary by location, and regulatory requirements may change.

14. TRANSPORT INFORMATION

Rail/Road (RID/ADR)

Proper Shipper Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class : 9.0
UN No. : 3082
Packing Group : III

Sea (IMDG – Code)

Proper Shipper Name : Environmentally Hazardous Substance, Liquid, N.O.S
Class : 9
UN No. : 3082
Packing Group : III
Marine Pollutant : Yes

Air (ICAO/IATA)

Proper Shipper Name : Environmentally Hazardous Substance, Liquid, N.O.S
Class : 9
UN No. : 3082
Packing Group : III

Packing Instructions:

Packing instructions on sea : P001
Packing instructions on air : Y914/914



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15. REGULATORY INFORMATION

EU- Classification Hazard Symbol	Xi	Irritant
Special Risks (R-Phrases)	R36/38	Irritating to eyes and skin
	R42	May cause sensitization by skin contact
Safety Advice (S- Phrases)	S 2	Keep out of the reach of children
	S13	Keep away from food, drink and animal feeding stuffs
	S20/21	When using do not eat, drink or smoke
	S37	Wear suitable gloves
International WHO Toxicity Classification	III	Slightly hazardous

16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.