



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

## Material safety data sheet PRETILACHLOR 37% EW

### 1. Product and Company Identification

**Product Name** : Pretilachlor 37% EW

**Chemical Name** : 2-chloro-2',6'-diethyl-N-(2-propoxyethyl)acetanilide

**Type** : Herbicide

**Molecular formula** :  $C_{17}H_{26}ClNO_2$

**Emergency Phone: (+91)9428144701**  
Unit-I(block-69/P)Unit-II(block-73)  
Village- Manjusar, Taluka-Savli Dist- Vadodara  
Tele- (02267)264701/02/03/04

### 2. Composition / Information on ingredients

Chemical Name	CAS#	Percent or content (w/w)
Pretilachlor a.i.	51218-49-6	37.00 %
Other ingredients	-	63.00 %

### 3. Health Hazards Identification

**Eyes** Irritating to eyes

**Skin** Irritating to skin

### 4. First Aid Measures

**Eyes** Flush with plenty of clear water for 15-20 minutes.

**Skin** Remove contaminated clothing and shoes, flush with plenty of water and soap.

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

**Inhalation** Move affect person to fresh air and keep at rest until recovered. If not breathing, give artificial respiration and get to a doctor.

**Notes to physician** No specific antidote is known. Apply symptomatic therapy.



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

## Material safety data sheet PRETILACHLOR 37% EW

### 5. Fire Fighting Measures

**Extinguishing agents** Water spray, foam, dry chemical powder and carbon oxide.

**Fire fighting** Wear NIOSH / MSHA approved self-contained breathing apparatus and full protective clothing.

### 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 vapour 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.



## Material safety data sheet PRETILACHLOR 37% EW

**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	Creaming white liquid
Physical state	Emulsion(liquid)
Odour	Faint, odour
Vapour pressure	NA
Density/Specific gravity	1.0000-1.0600
Water Solubility	Emulsifiable in water
pH (1% Aqs sol <sup>n</sup> )	3-5.5

### 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	LD <sub>50</sub> (rats) 5508.10 mg/kg
Acute Dermal Toxicity	LD <sub>50</sub> (Rabbits) > 2,000 mg/kg b.w
Acute Inhalation	LC <sub>50</sub> (rats): >2.904 mg/l
Eye Irritation	Rabbit: Non irritant
Skin Irritant	Rabbit: Non irritant



## Material safety data sheet PRETILACHLOR 37% EW

### 12. Ecological Information

**Birds** Acute oral LD<sub>50</sub> for Mallard ducks: >4640 mg/kg  
Dietary LC<sub>50</sub> (8 d) for Bobwhite quail: 6597 mg/kg

**Fish** LC<sub>50</sub> (96 h) for Bluegill sunfish 0.44 mg/l  
Rainbow trout 0.52 mg/l

**Bees** LD<sub>50</sub> (contact) > 100 g/bee

### 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



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

## Material safety data sheet PRETILACHLOR 37% EW

Packing Group : III

### Packing Instructions:

Packing instructions on sea: P001

Packing instructions on air: Y914/914

### 15. Regulatory Information

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

Revised date : 20.06.2013