



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

## Material safety data sheet Fenoxaprop-p-ethyl 9.3% EC

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### 1 Manufacturer/information service:

#### MATERIAL IDENTIFICATION

Product name: Fenoxaprop-p-ethyl 9.3% EC  
Chemical Name: Ethyl(R)-2-[4-(6-chloro-1,3-benzoxazolyl-2-yl oxy)phenoxy] propionate

Supplier:  
Shreeji Pesticides Pvt. Ltd.  
69/P, Village – Manjusar – 391775, Tal. Savli,  
Dist. Vadodara, Gujarat

Phone 02667-264701/02/03/04, 264716/17

Mail info@shreejipesticides.com

Website www.shreejipesticides.com

### 2 COMPOSITION & INFORMATION ON INGREDIENTS

#### 2.1 Substances

Formula  $C_{18}H_{16}ClNO_5$   
Molecular weight 361.8 g/mol

Component  
Fenoxaprop-p-ethyl  
Inert ingredients

CAS No.  
71283-80-2

Purity  
9.3% min  
up to 1L..

### 3. HAZARDS IDENTIFICATION

Can cause skin, eye and respiratory tract irritation. Allergic reactions are possible. Harmful if inhaled or swallowed. Exposure to high vapour levels may cause headache, dizziness, numbness, nausea, in coordination, or other central nervous system effects.

### 4. FIRST AID MEASURES

- 4.1 Swallowed: Wash out mouth with water. Do not induce vomiting. Give a glass of water. Keep patient at rest and seek medical advice as above.
- Eye: Rinse eyes immediately with clean water for at least 15 minutes and obtain medical aid.
- Skin: Carefully remove contaminated clothing. Wash affected areas with soap and water. Seek medical aid if at all worried.
- Inhaled: If inhaled, remove to fresh air and keep at rest. Obtain medical advice if at all worried.
- First Aid Facilities: No specific requirements..

### 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

Water fog, fine water spray, foam, carbon dioxide or dry agent.

#### 5.2 Specific fire fighting method (on small fires)

Fire fighters should wear full protective gear, including self-contained breathing apparatus. Toxic decomposition products may be produced in a fire. Keep unnecessary people away. Use water spray to cool fire-exposed containers. Bund area to prevent contamination of water sources. Dispose of fire control water and spillage later.

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### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Spillage or Leak Procedures:

Avoid contact with the spilled material or contaminated surfaces. When dealing with spills wear personal protective clothing and equipment as described in the personal protection section above. Do not smoke. Keep people and animals away and upwind. Contain spill and absorb with earth, sand, clay, or other absorbent material, collect and store in properly labelled, sealed drums for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

#### 6.2 Waste Disposal Methods:

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Dispose of waste material via a licensed waste disposal contractor to a regulated landfill.

### 7. HANDLING AND STORAGE

Keep out of reach of children. Avoid contact with eyes and skin. Do not inhale vapor. If product in eyes wash it out immediately with water. Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Protect from extremes of heat and cold. Keep away from food, drink and animal feed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Engineering measures

Control process conditions to avoid contact. Use only in well ventilated areas.

#### 8.2 Personal Protection:

Eyes:	Wear face shield or goggles.
Clothing:	Wear cotton overalls buttoned to the neck and wrist and washable hat.
Gloves:	Wear elbow length PVC gloves
Respiratory:	Not normally required. However, if exposure to product vapor is likely, wear a respirator with an organic vapor cartridge. Body protection (chemical protection suit, boots) must be chosen depending on activity and possible exposure.
Other:	After each day's use, wash gloves, face shield or goggles and Contaminated clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

a)	Appearance Form:	Light yellow transparent liquid
b)	Specific gravity	0.91 to 0.98 g/ml at 21°C
c)	Melting point	Not applicable
d)	pH 5% solution	5.5 – 7.5
e)	Boiling point	Not available
f)	Vapour pressure	Not available
g)	Flash Point	41°C

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- |    |                     |                |
|----|---------------------|----------------|
| h) | Flammability limits | Not determined |
| i) | Kow                 | Not determined |
| j) | Solubility in water | Form emulsion  |

#### 10. STABILITY AND REACTIVITY

- |      |   |   |
|------|---|---|
| 10.1 | <b>Stability</b>                        | Stable under normal use and storage conditions. |
| 10.2 | <b>Hazardous Polymerization</b>         | Will not occur                                  |
| 10.3 | <b>Condition to avoid</b>               | None known                                      |
| 10.4 | <b>Hazardous Decomposition Products</b> | not known                                       |
| 10.5 | <b>Material to avoid</b>                | Oxidizing agents                                |

#### 11. TOXICOLOGICAL INFORMATION

- |  |                               |
|--|-------------------------------|
| Acute Oral LD50 (mg/kg):                     | rat 3150-4000<br>Mouse > 5000 |
| Acute Dermal LD50 (mg/kg)                    | > 2000 Species: Rat           |
| Inhalation LC50 (mg/L)                       | > 1.224 (4 h) Species: Rat    |
| Eye irritation slightly irritating Species:  | Rabbit                        |
| Skin irritation slightly irritating Species: | Rabbit                        |
| Sensitisation none sensitising Species:      | Guinea pig                    |

#### 12. ECOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

- Dangerous to the aquatic environment. Low toxicity to bees and earthworms.  
Fish toxicity: LC50 (96 h) for rainbow trout 0.57 mg/L  
Daphnia toxicity: EC50 (48 h) for Daphnia magna 0.56 mg/L  
Bird toxicity: Acute oral LD50 for bobwhite quail > 2000 mg/kg  
Algae toxicity: LC50 (72 h) for Scenedesmus subspicatus 0.51 mg/L

#### 13. DISPOSAL CONSIDERATIONS

- Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

#### 14. STORAGE AND TRANSPORTATION INFORMATION

- Store in tightly sealed original containers in a dry secure place away from fertilizers, feed and food. Store out of direct sunlight. Keep out of reach of children, unauthorized persons and animals.

##### 14.1 Transport classification – Sea (IMDG)

- |                        |                                       |
|------------------------|---------------------------------------|
| UN No.                 | not available                         |
| Proper shipping name   | not available                         |
| Packing group          | III                                   |
| Additional information | Solvent naptha and Fenoxaprop-p-ethyl |

##### 14.2 SPILLS AND DISPOSAL

- In case of spillage it is important to take all steps necessary to:

- Avoid eye and skin contact
- Avoid contamination of waterway

##### 14.3 Procedure for spill:

- Keep all bystanders away.
- Wear goggles, half face-piece respirator with combined dust and vapor cartridge, full length clothing and PVC gloves.
- Reposition any leaking containers so as to minimize leakage.
- Dam and absorb spill with an absorbent material (eg. sand or soil).
- Shovel the absorbed spill into drums.
- For quantities greater than 50 L seek advice from the manufacturer (use emergency contact number below) before attempting disposal. Contain in a secure location until disposal method is established.
- Decontaminate spill area using hydrated lime.



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### 14.3 Disposal of Empty, used containers by:

- Triple rinsing or preferably pressure rinsing containers with water. Add the rinsing to the spray tank mix. DO NOT dispose of undiluted chemicals on site.
- If recycling, replace cap and return clean containers to recycler or designated collection point.
- If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

### 15. REGULATORY INFORMATION

#### Regulations:

#### Information on risk and safety according to the label:

Avoid eyes, skin or clothing contact with the product.

Avoid inhale vapors or mixtures.

Handle the product only under appropriate ventilation

Store in an appropriate packaging, duly closed.

Immediately remove and wash contaminated clothing.

Do not eat, drink or smoke during product handling.

When opening a packaging, do it in a way to avoid leaks.

Do not use damaged and/or defective PPE and applying equipment.

Do not wash packaging in lakes, fountains, rivers and other water courses. Avoid water contamination.

Discard the packaging and residues of the product correctly.

### 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. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.