



Fengle Agrochem

## Anhui Fengle Agrochemical Co., Ltd.

Reg. Address: Hefei Circular Economy Demonstration Park, Feidong County Hefei Anhui China

Tel: 0086-551-65360940, 65360941, 65360917 Fax: 0086-551-65360941

Email: huangji@fengle-agrochem.com http://www.fengle-agrochem.com

# MATERIAL SAFETY DATA SHEET

## Section 1 - Product and Company Information

Product Name: Nicosulfuron 4% + Fluroxypyr-mepthyl 11% OD

Company: Anhui Fengle Agrochemical

Add: Hefei Circular Economy Demonstration Park, Feidong County, Hefei City, Anhui Province, China.

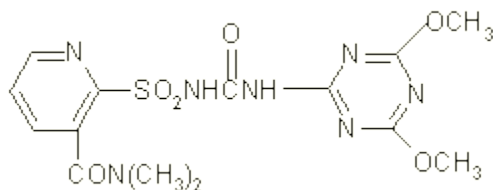
## Section 2 - Composition/Information on Ingredient

Common Name: Nicosulfuron 4% + Fluroxypyr-mepthyl 11% OD

Nicosulfuron :

Formula:  $C_{15}H_{18}N_6O_6S$

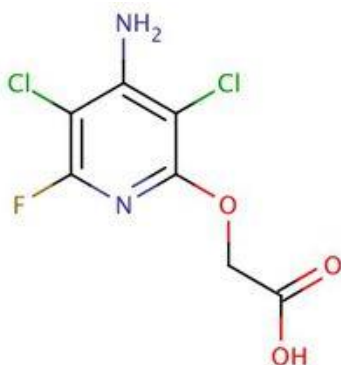
Chemical Structure:



Fluroxypyr-mepthyl:

Formula:  $C_7H_5Cl_2FN_2O_3$

Chemical Structure:



## COMPONENTS

| MATERIAL             | CAS Number  | %   |
|----------------------|-------------|-----|
| - Nicosulfuron       | 111991-09-4 | 4   |
| - Fluroxypyr-mepthyl | 69377-81-7  | 11% |
| - Inert ingredients  |             | 85  |

安徽丰乐农化有限责任公司  
Anhui Fengle Agrochemical Co., Ltd.



## Anhui Fengle Agrochemical Co., Ltd.

Reg. Address: Hefei Circular Economy Demonstration Park, Feidong County Hefei Anhui China  
Tel: 0086-551-65360940, 65360941, 65360917 Fax: 0086-551-65360941  
Email: huangji@fengle-agrochem.com http://www.fengle-agrochem.com

### Section 3 - Hazards Identification

Instability: Stable at normal temperatures and storage conditions.

Incompatibility: None reasonably foreseeable.

Polymerization: Polymerization will not occur.

### Section 4 - First Aid Measures

- INHALATION: No specific intervention is indicated, as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

- SKIN CONTACT: In case of contact, immediately wash skin with soap and water. Wash contaminated clothing before reuse.

- EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

- INGESTION: If swallowed, immediately give 2 glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

### Section 5 - Fire Fighting Measures

Flammable Properties: Not a fire or explosion hazard.

Extinguishing Media: Water, Foam, Dry Chemical, and CO<sub>2</sub>.

Fire Fighting Instructions: Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Runoff from fire control may be a pollution hazard. If area is exposed to fire and conditions permit, let fire burn it out. Burning chemicals may produce by-products more toxic than the original material. If product is on fire, wear self-contained breathing apparatus and full protective equipment. Use water spray. Control runoff.

### Section 6 - Accidental Release Measures

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Emergency Response: Chemical resistant coveralls, waterproof gloves, waterproof boots and face/eye protection. If dusting occurs, use NIOSH approved respirator protection.

Initial Containment: Follow applicable Federal, State/Provincial and Local laws/ regulations.



Prevent material from entering sewers, waterways, or low areas.



## Anhui Fengle Agrochemical Co., Ltd.

Reg. Address: Hefei Circular Economy Demonstration Park, Feidong County Hefei Anhui China  
Tel: 0086-551-65360940, 65360941, 65360917 Fax: 0086-551-65360941  
Email: huangji@fengle-agrochem.com http://www.fengle-agrochem.com

Clean Up: Shovel or sweep up.

### Section 7 - Handling and Storage

Handling (Personnel): Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Handling (Physical Aspects): This is a water-dispersible product. It may be packaged in a premeasured water-soluble packet that readily dissolves in water. Exposure to moisture or excessive handling of the soluble packets will cause them to break.

Storage: Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in a cool, dry area away from feed, seed or fertilizer.

### Section 8 - Exposure Controls

Personal Protective Equipment: Always follow the label instructions when handling this product.

Applicators and other handlers must wear: Long-sleeved shirt and long pants. Waterproof gloves. A shoe plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Coveralls, Waterproof gloves. A shoe plus socks.



### Section 9 - Physical/Chemical Properties

Appearance Off white liquid

A.I.(g/l)  $\geq 4.00\%$

PH value: 4.42

Moisture  $\leq 0.5\%$

Density (g/ml) 0.96

Fineness(325  $\mu$  m)  $\geq 98\%$

Suspension  $\geq 90\%$

Flaming point: N.B.

Viscosity: 0.17/0.19



## Anhui Fengle Agrochemical Co., Ltd.

Reg. Address: Hefei Circular Economy Demonstration Park, Feidong County Hefei Anhui China  
Tel: 0086-551-65360940, 65360941, 65360917 Fax: 0086-551-65360941  
Email: huangji@fengle-agrochem.com http://www.fengle-agrochem.com

### Section 10 - Toxicological Information

- Aquatic Toxicity: Tests conducted with the active ingredient indicate low toxicity.

Rainbow trout (96-hr) LC50 >55.6/100 mg/l

Daphnia magna (48-hr) EC50 >82.3 mg/l

Duckweed (168-hr) EC50: 0.06 mg/l

- Environmental Toxicity:

Oral LD50 Bobwhite Quail is > 7800 mg/kg.

Dietary LC50 Bobwhite Quail is >9850 ppm.

Dietary LC50 Mallard Duck is > 9750 ppm.

- Spill, Leak, or Release

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up. Shovel or sweep up.

- Waste Disposal

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

### Section 11 - Ecological Information

Nicosulfuron 4%+fluroxypyr-mepthyl 11% OD:

LD50 Oral Rate: > 5050 mg/kg

LD50 Dermal Rate: > 2050 mg/kg

LC50 Inhalation Rate: > 1.18 mg/l

LC50 Inhalation Rate: N.B. ppm

### Section 12- Disposal Considerations

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not contaminate water supply, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

安徽中乐农化有限责任公司  
Anhui Fengle Agrochemical Co., Ltd.



**Fengle Agrochem**

## **Anhui Fengle Agrochemical Co., Ltd.**

Reg. Address: Hefei Circular Economy Demonstration Park, Feidong County Hefei Anhui China

Tel: 0086-551-65360940, 65360941, 65360917 Fax: 0086-551-65360941

Email: [huangji@fengle-agrochem.com](mailto:huangji@fengle-agrochem.com) <http://www.fengle-agrochem.com>

Water Soluble Packaging: Do not reuse the outer box or the resealable bags. When all water-soluble packets are used, the outer packaging should be clean and may be disposed of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by open burning. If it is burned, stay out of smoke. If the resealable bag contacts the formulated product in any way, the bag must be triple-rinsed with clean water. Add the rinsate to the spray tank and dispose of the outer wrap as described above.

### **Section 13 - Transport Information**

Transportation information:

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.

UN Number: 3082

Hazard Class: 9

Package Class: III

### **Section 14 - Regulatory Information**

#### **TITLE VI HAZARD CLASSIFICATIONS**

Acute: Yes

Chronic: No

Fire: No

Reactivity: No

Pressure: No

### **Section 15 - Other Information**

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt of any changes a new MSDS will be made available.

安徽丰乐农化有限责任公司  
Anhui Fengle Agrochemical Co., Ltd.