

## Safety Data Sheet

### 1. Chemical Product and Company Identification

SDS Name: 3-(2-Chloro-4-fluorophenyl)-2-propenoic acid  
Catalog Numbers: 35083  
Company: AOBChem  
12E No. 15 Jingsheng South 4<sup>th</sup> Street  
Majuqiao Town, Tongzhou District  
Beijing 101102, China  
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Fax: +86(10)6471-2061

### 2. Hazards Identification

2.1 Causes irritation and may be harmful by inhalation, in contact with skin and if swallowed.

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard Statements

H315 H319 H335

Precautionary Statements

P261 P305 P351 P338

### 3. Composition, Information on Ingredients

Ingredient Name : 3-(2-Chloro-4-fluorophenyl)-2-propenoic acid, 97%  
CAS No.: 174603-37-3  
Formula: C<sub>9</sub>H<sub>6</sub>ClFO<sub>2</sub>  
Molecular Weight: 200.594

### 4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, Assure adequate lifting the upper and lower eyelids. Get medical aid.  
Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid.  
Ingestion: Wash mouth out with water. Get medical aid.  
Inhalation: Move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

### 5. Fire Fighting Measures

Wear a self-contained breathing apparatus in pressure-demand and full protective gear. Use dry powder, carbon dioxide, or chemical foam. Use proper personal protective equipment.

### 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to

unauthorized personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

#### 6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

#### 6.3 Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4. Reference to other sections

## 7. Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a tightly closed container and in a dry place. Keep refrigerated.

## 8. Exposure Controls, Personal Protection

Engineering Controls: Use only in a chemical fume hood.

Personal Protective Equipment

Eyes: Safety glasses.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

## 9. Physical and Chemical Properties

Appearance: Powder.

Odor: No data.

Boiling Point: No data.

Melting Point: No data.

Flash Point: No data.

Ignition temperature: No data.

Lower explosion limit: No data.

Upper explosion limit: No data.

Solubility in water: No data.

## 10. Stability and Reactivity

Conditions to avoid: Heat, flames and sparks.

Materials to avoid: Strong oxidizing agents

Hazardous Decomposition Products:

Hazardous decomposition products formed under fire conditions.  
-Carbon oxides.

## 11. Toxicological Information

No data available

## 12. Ecological Information

No data available

## 13. Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations. Contact a licensed professional waste disposal service to dispose of this material.

#### **14. Transport Information**

Non-hazardous for air and ground transportation.

#### **15. Regulatory Information**

It is for research and development use only.

#### **16. Other Information**

The above information is believed to be accurate and represents the best information currently available to us. It does not represent any guarantee of the properties of the product. We cannot accept liability for any loss, injury or damage which may result from handling or from contact with the above product.