

# SDS

## SAFETY DATA SHEET

Oakwood Products, Inc  
730 Columbia HWY N  
Estill, SC 29918  
[www.oakwoodchemical.com](http://www.oakwoodchemical.com)

**Phone Numbers:**

|                          |              |
|--------------------------|--------------|
| Product Information      | 803-739-8800 |
| Transportation Emergency | 800-451-8346 |
| Outside the USA          | 760-602-8700 |

### MATERIAL IDENTIFICATION

NAME: **4-Amino-2-fluorobenzylamine**  
CAS#: [900174-91-6]  
CAT#: 075743  
For R&D use only.

### HAZARDS IDENTIFICATION

**GHS Classification**

Skin corrosion/irritation (Category 1C)

**GHS Label elements, including precautionary statements****Pictograms****Signal Word**

Danger

**Hazard Statement(s)**

H314 Causes severe skin burns and eye damage

**Precautionary Statement(s)**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C<sub>7</sub>H<sub>9</sub>FN<sub>2</sub>  
Molecular Weight : 140.16

| CAS         | Description                 | Concentration |
|-------------|-----------------------------|---------------|
| 900174-91-6 | 4-Amino-2-fluorobenzylamine | 95%           |

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## FIRST AID MEASURES

### **In case of eye contact**

Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.

### **In case of skin contact**

Wash thoroughly with soap and plenty of water. Seek medical attention.

### **If inhaled**

Remove victim from source of exposure to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

### **If swallowed**

Do not induce vomiting. Give water to victim to drink. Seek medical attention.

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## FIRE-FIGHTING MEASURES

### **Suitable extinguishing media**

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

### **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### **Unusual fire and explosion hazards/decomposition of product**

emits toxic fumes under fire conditions.

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## ACCIDENTAL RELEASE MEASURES

### **Personal precautions**

Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area. Remove all sources of ignition. Evacuate personnel.

### **Environmental precautions**

Prevent further leakage if safe to do so.

### **Methods and materials for containment and clean up**

Absorb spills on sand or vermiculite and place in closed container for disposal.

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## HANDLING AND STORAGE

### **Precautions for safe handling**

Avoid prolonged use. Avoid all direct contact with material. Do not breathe dust or vapor. Wash thoroughly after handling.

### **Precautions for safe storage**

Keep container tightly closed. Store in a cool, dry, well-ventilated area.  
Air sensitive

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## EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

## Personal protective equipment

### Eye/face protection

Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

### Hand/skin protection

Avoid all direct contact with product.  
Wear chemical-resistant gloves.  
Wear protective clothing and boots.  
After contact with skin, wash immediately.

### Respiratory protection

Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

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## PHYSICAL AND CHEMICAL PROPERTIES

|                                              |                             |
|----------------------------------------------|-----------------------------|
| Appearance                                   | light tan low-melting solid |
| Odour                                        | no data available           |
| Odour Threshold                              | no data available           |
| Melting point/Freezing Point                 | no data available           |
| Boiling Point                                | no data available           |
| Flash Point                                  | no data available           |
| Evaporation Rate                             | no data available           |
| Flammability (solid, gas)                    | no data available           |
| Upper/Lower Flammability or Explosive limits | no data available           |
| Vapour pressure                              | no data available           |
| Relative Density                             | no data available           |
| Solubility(ies)                              | no data available           |
| Partition coefficient: n-octanol/water       | no data available           |
| Auto-ignition temperature                    | no data available           |
| Decomposition temperature                    | no data available           |
| Viscosity                                    | no data available           |
| Refractive Index                             | no data available           |

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## STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

no data available

### Conditions to avoid

Air.

### Incompatible materials

Strong oxidizing agents, strong acids, acid chlorides, and acid anhydrides.

**Hazardous decomposition products**

May evolve carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen fluoride.

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**TOXICOLOGICAL INFORMATION****Acute toxicity**

no data available

**Skin corrosion/irritation**

Causes severe skin burns and eye damage

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**STOT-single exposure**

no data available

**STOT-repeated exposure**

no data available

**Aspiration hazard**

no data available

**Exposure Routes**

Causes burns.

May have harmful effects if inhaled or swallowed.

To the best of our knowledge, the health hazards of this material have not been fully investigated.

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**ECOLOGICAL INFORMATION****Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

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**DISPOSAL CONSIDERATIONS**

Dissolve in or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and local laws.

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**TRANSPORT INFORMATION****DOT**

Amines, solid, corrosive, n.o.s.

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UN3259 III

**IMDG**

Amines, solid, corrosive, n.o.s.

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UN3259 III

EMS-No: F-A, S-B

Marine Pollutant: No

**IATA**

Amines, solid, corrosive, n.o.s.

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UN3259 III

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**REGULATORY INFORMATION****SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

**New Jersey Right to Know Components**

This product may contain a chemical on the New Jersey Right to Know Components List.

4-Amino-2-fluorobenzylamine

**CAS**

900174-91-6

**California Prop. 65 Components**

This product may contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

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**OTHER INFORMATION**

Version : 1.0

Revision Date : 2/21/2013

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Oakwood shall not be held liable for any damage resulting from handling or from contact with the above product.