

# Amino Acid, Fmoc-Ile-OH

600710  
Rev 2  
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Part Numbers: A010-A5, A010-B5, A010-C, A010-D

## 1. IDENTIFICATION OF PRODUCT AND THE COMPANY

### 1.1 Product identifiers

Product name: Amino Acid, Fmoc-Ile-OH  
Chemical Name: Fmoc-Ile-OH

### 1.2 Details of the supplier of the safety data sheet

Company: CEM Corporation  
3100 Smith Farm Rd, Matthews, NC 28104

Telephone: 704-821-7015  
Fax: 704.821.7894  
E-mail address: peptide.support@cem.com

## 2. HAZARDS IDENTIFICATION

**Not hazardous**

**Classification:**

Flammability: 1  
Reactivity: 0  
Health: 0

**Environment effects:** None known

**Special Hazards:** None

**Health effects:** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization:**

Ingredient: C<sub>21</sub>H<sub>23</sub>NO<sub>4</sub> (N-alpha-Fmoc-L-isoleucine)  
CAS No.: 71989-23-6  
Concentration: 100

## 4. FIRST AID MEASURES

**Skin contact:** Flush with running water

**Eye contact:** Flush with water for 15 minutes (remove contacts)

**Inhalation:** Remove to fresh air

**Ingestion:** Do NOT induce vomiting.

**Personal protection for the first aid person:** None

**Indication for physician:** Possible redness of skin, difficulty breathing

## 5. FIRE-FIGHTING MEASURES

**Suitable fire extinguishing media:** Use dry chemical powder, or water spray

**Any special protection required for emergency responders:** For large quantities firefighters should wear positive pressure breathing equipment (SCBA).

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear disposable gloves

**Environment precautions:** None

**Methods of containment:** None required (powder)

**Methods for cleaning up:** Use wet towel, use dust pan and small brush.

## 7. HANDLING AND STORAGE

**Handling precautions:** Do not breathe powder. Wash hands after using material

**Storage conditions:** Keep away from heat. Prolonged storage (over 6months) at temperatures below 20° C (68° F) recommended.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limits:** None

**Personal protection equipment**

**Hands protection:** Wear disposable gloves. Wash hands after using material

**Eye protection:** None required

**Skin and body protection:** Lab coat and gloves suggested

**Respirators protection:** Not required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White to yellowish powder (considered a solid crystalline powder)

**Odor:** None

**Flammability:** 1

**Melting Point:** 140 to 150° C (284-302° F)

**Boiling point:** Not applicable

**Freezing point:** Not known

**Solubility:** Insoluble in water

**Vapor pressure:** Not applicable

**Relative density:** Unknown

**pH value:** Not known

**Flash point:** Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable

**Possible hazard under special condition:** High heat, flame

**Condition to avoid:** High heat, flame

**Material to avoid:** None

Hazardous decomposition procedures: Produces carbon oxides, nitrogen oxides

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Not applicable

## 12. ECOLOGICAL INFORMATION

Not toxic

## 13. DISPOSAL CONSIDERATIONS

None

## 14. TRANSPORT INFORMATION

Classified as a hazardous material? NO

DOT classification: None

IATA/ICAO classification: None

UN numbers: None

UN proper shipping name: Not applicable

Packing group: Not applicable

## 15. REGULATORY INFORMATION

Road and traffic safety regulation: None

## 16. OTHER INFORMATION

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Date Created: 1/2005

Revised: 7/2014