

# Amino Acid, Fmoc-Lys(Fmoc)-OH

600879  
Rev 1  
May 2018

Part Numbers: A039-B, A039-B5

## 1. IDENTIFICATION OF PRODUCT AND THE COMPANY

### 1.1 Product identifiers

Product name: Amino Acid, Fmoc-Lys(Fmoc)-OH  
Chemical Name: Fmoc-Lys(Fmoc)-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: 0  
Reactivity: 0  
Health: 0

**Environment effects:** None known

**Special Hazards:** None

**Health effects:** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization:**

Ingredient: C<sub>36</sub>H<sub>34</sub>N<sub>2</sub>O<sub>6</sub>  
CAS No.: 78081-87-5  
Molecular Weight: 590.67

## 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:** None

## 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 6 months) at temperatures -15 to -25° C 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:** 0

**Melting Point:** Unknown

**Boiling point:** Not applicable

**Freezing point:** Not known

**Solubility:** Not known

**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:** 05/2018

**Revised:**