CEM CORPORATION

Safety Data Sheet

Amino Acid, Fmoc-Lys(Boc)-OH

Part Numbers: A012-A5, A012-B5, A012-C, A012-D

1. IDENTIFICATION OF PRODUCT AND THE COMPANY

1.1 Product identifiers

Product name: Amino Acid, Fmoc-Lys(Boc)-OH
Chemical Name: Fmoc- Lys(Boc)-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: C26H32N2O6 (N-alpha-Fmoc-N-epsilon-t.-Boc-L-lysine)
CAS No.: 92122-45-7
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: 123 to 130° C (253-266° 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

This information is presented in good faith and believed to be accurate as of the date shown. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.
Date Created: 1/2005
Revised: 7/2014