

Amino Acid, Fmoc-Asp(OtBu)-OH

600704
Rev 2
March 2016

Part Numbers: A004-A5, A004-B5, A004-C, A004-D

1. IDENTIFICATION OF PRODUCT AND THE COMPANY

1.1 Product identifiers

Product name: Amino Acid, Fmoc-Asp(OtBu)-OH
Chemical Name: Fmoc-Asp(OtBu)-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: 23H25NO6 (N-alpha-Fmoc-L-aspartic acid beta-t.-butyl ester)

CAS No.: 71989-14-5

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 (-4° 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

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