

Amino Acid, Fmoc-Ser(PO(OBzl)OH)-OH

600567
Rev 1
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Part Numbers: A040-A, A040-B

1. IDENTIFICATION OF PRODUCT AND THE COMPANY

1.1 Product identifiers

Product name: Amino Acid, Fmoc-Ser(PO(OBzl)OH)-OH
Chemical Name: Fmoc-Ser(PO(OBzl)OH)-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: C₂₅H₂₄N₂O₈P
CAS No.: 158171-14-3
Molecular Weight: 497.45 g/mol

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, oxides of phosphorus

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