

Amino Acid Fmoc-Asn(Trt)-OH

Part Numbers: A003-A5, A003-B5, A003-C, A003-D

1. IDENTIFICATION OF PRODUCT AND THE COMPANY

1.1 Product identifiers

Product name: Amino Acid Fmoc-Asn(Trt)-OH
Chemical Name: Fmoc-Asn(Trt)-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: Fmoc-Asn(Trt)-OH (N-alpha-Fmoc-N-beta-trityl-L-asparagine)
CAS No.: 132388-59-1
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 6 months) 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: 210 to 220° 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

Recently listed as an Environmental Hazard. Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

None

14. TRANSPORT INFORMATION

Classified as a hazardous material? Yes

DOT classification: UN 3077 "Environmentally Hazardous substance. N.O.S."
(N-(9H-Fluoren-9-Yl-methoxycarbonyl)-N-Triphenylmethyl-L-Asparagine)
Class 9

IATA/ICAO classification: Same as above

UN numbers: 3077

Packing group: III

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.

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