

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 20.11.2007

Version 3.2 Revision date 15.03.2022



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name	Fmoc-amino PEG propionic acid
Product number	15137-1195
Brand	Polypure AS
CAS No.	1952360-91-6

1.2 Relevant identified uses of the substance and uses advised against

Identified uses Laboratory chemicals, manufacturing of substances. Not for human use.

1.3 Details of the supplier of the safety data sheet

Company	Polypure AS
Address	Gaustadalléen 21 N-0349 Oslo Norway
Telephone	(+47) 21 08 07 40
E-mail	info@polypure.com

1.4 Emergency telephone number

Poison Information Center (24h)	(+47) 22 59 13 00
CHEMTREC (24h/7days)	(+47) 21 93 06 78
Fire and larger accidents	1 10
Ambulance and medical emergency	1 13

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

Caution - substance not yet tested completely.

2.3 Other hazards - none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Synonyms	: O-(2-Carboxyethyl)-O'-[2-(Fmoc-amino)-ethyl]dodecaethylene glycol
Molecular Formula	: C ₄₂ H ₆₅ NO ₁₆
Molecular Weight	: 839.98 g/mol
CAS-No.	: 1952360-91-6

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

a) General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

b) If inhaled

Move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

c) In case of skin contact

Wash with soap and plenty of water. Consult a physician.

d) In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

e) If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx).

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

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6.4 Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Normal measures for preventive fire protection. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container in a dry, well-ventilated and cold place (recommended storage temperature: - 20 °C). Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No data available.

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment:

a) Respiratory protection

Respiratory protection is not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

b) Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

c) Eye protection

Use safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

d) Body protection

Use impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Form: liquid Colour: yellow
Odour / Odour threshold	No data available.
pH	No data available.
Boiling point/ boiling range	No data available.
Flash point	No data available.
Flammability (solid, gas)	No data available.
Explosive properties	No data available.
Oxidising properties	No data available.
Vapour pressure	No data available.
Relative density	No data available.
Solubility	No data available.
Water solubility	No data available.
Partition coefficient: n-octanol/water	No data available.
Viscosity	No data available.
Vapour density	No data available.
Evaporation rate	No data available.

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity No data available.

10.2 Chemical stability This compound is stable under the recommended storage conditions (see section 7.2).

10.3 Possibility of hazardous reactions No data available.

10.4 Conditions to avoid No data available.

10.5 Incompatible materials Strong oxidising agents.

10.6 Hazardous decomposition products No data available. In the case of fire, see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

a) Acute toxicity No data available.

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b) Skin corrosion/irritation		No data available.
c) Serious eye damage/eye irritation		No data available.
d) Respiratory or skin sensitization		No data available.
e) Germ cell mutagenicity		No data available.
f) Carcinogenicity	IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
g) Reproductive toxicity		No data available.
h) Specific target organ toxicity - single exposure		No data available.
i) Specific target organ toxicity - repeated exposure		No data available.
j) Aspiration hazard		No data available.
k) Potential health effects	Inhalation Ingestion Skin Eyes	May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if swallowed. May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation.

Additional information

RTECS: Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity	No data available.
12.2 Mobility	No data available.
12.3 Persistence and degradability	No data available.
12.4 Bioaccumulative potential	No data available.
12.5 Results of PBT assessment	No data available.
12.6 Other adverse effects	No data available.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

a) Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

b) Contaminated packaging

Dispose of as unused product.

c) Note

Observe all federal, state, and local environment regulations.

SECTION 14: TRANSPORTATION INFORMATION

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

RID/ADR

Not restricted chemical for road freight

IMDG

Not restricted chemical for sea freight

ICAO/IATA

Not restricted chemical for air freight

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

SECTION 15: REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

No data available

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SECTION 16: OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

Polypure AS and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Version changes

Version 3.0 is a complete revision of the content and the lay-out of the previous version 2.0. The latest relevant information on this chemical entity has been retrieved from The European Chemical Agency homepage and/or other relevant sources.

The lay-out is in accordance with Annex II, Guide to the compilation of safety data sheets, as presented in the Official Journal of the European Union, 29 May 2007.

Version 3.1 is modified in the following sections:

S 1.1: Added CAS number.

S 1.4: Added phone numbers for CHEMTREC, fire and amulance.

S 3.1: Corrected MW to 839.96, and added CAS number.

S 14.2: Non-hazardous was changed to Not restricted chemical.

Version 3.2 is modified in the following sections:

S 1.1: Changed CAS number to 1952360-91-6.

S 3.1: Corrected MW to 839.98 and changed CAS number to 1952360-91-6.