Creosalus, Inc (Advanced ChemTech)

) www.AdvancedChemTech.com SAFETY DATA SHEET

Revision Date 09/01/2019

1. PROE 1.1	DUCT AND COMPANY IDENTIFICA	FIGN		
1.1				
	Product identifiers			
	Product name	: Fmoc-Lys(Biotin)-OH		
	Product Number	: FK2386		
	Brand	: Advanced ChemTech		
	CAS-No.	: 146987-10-2		
1.2		substance or mixture and uses advised against		
	Identified uses : Laboratory chemicals, Manufacture of substances			
1.3	Details of the supplier of the sa	fety data sheet		
	Company	: Creosalus, Inc.		
		5609 Fern Valley Rd, Louisville, KY 40228 USA		
	Telephone	: +1 800-456-1403		
	Fax	: +1 502-968-1000		
1.4	Emergency telephone number	: +1 800-424-9300 Chemtrec		
2. HAZA	ARDS IDENTIFICATION			
2.1	Classification of the substance	or mixture: Not a hazardous substance or mixture.		
2.2	GHS Label elements, including precautionary statements: Not a hazardous substance or mixture.			
2.3	Hazards not otherwise classifie	d (HNOC) or not covered by GHS – none		
3 COM	POSITION/INFORMATION ON INGR	EDIENTS		
3.1	Substances			
	Synonyms	: Fmoc-Lys(biotinyl)-OH		
	Cynonymo	Nα-Biotinyl-Nε-Fmoc-L-lysine		
	Formula	: $C_{31}H_{38}N_4O_6$		
	Molecular Weight	: 594.71g/mole		
	CAS-No.	: 146987-10-2		
	No ingredients are hazardous acc			
		sed according to the applicable regulations.		
4. FIRS	T AID MEASURES			
4.1	Description of first aid measure			
	If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water.			
	In case of eye contact: Flush eye			
		g by mouth to an unconscious person. Rinse mouth with water.		
4.2		effects, both acute and delayed: The most important known symptoms and effects are described in the		
4.2	labeling (see section 2.2) and/or in			
4.3	indication of any initiediate me	dical attention and special treatment needed: No data available		
5. FIREF	FIGHTING MEASURES			
	Extinguishing media			
5.1	Extinguishing media			
5.1		Jse water spray, alcohol-resistant foam, dry chemical or carbon dioxide.		
5.1 5.2	Suitable extinguishing media: U	Jse water spray, alcohol-resistant foam, dry chemical or carbon dioxide. e substance or mixture: Carbon oxides, nitrogen oxides (NOx), Sulphur oxides		
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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.

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Body Protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES				
9.1 Information on basic physical and chemical properties				
a) Appearance	Form: White to Off-White powder			
b) Odor	no data available			
c) Odor Threshold	no data available			
d) pH	no data available			
 e) Melting point/freezing point 	no data available			
f) Initial boiling point and boiling range	no data available			
g) Flash point	no data available			
 h) Evaporation rate 	no data available			
i) Flammability (solid, gas)	no data available			
j) Upper/lower flammability or explosive limits	no data available			
k) Vapor pressure	no data available			
I) Vapor density	no data available			
 m) Relative density 	no data available			
n) Water solubility	no data available			
	no data available			
	no data available			
 q) Decomposition temperature 	no data available			
r) Viscosity	no data available			
 s) Explosive properties 	no data available			
 t) Oxidizing properties 	no data available			
Other safety information:	no data available			
	Information on basic physical and chemical propert a) Appearance b) Odor c) Odor Threshold d) pH e) Melting point/freezing point f) Initial boiling point and boiling range g) Flash point h) Evaporation rate i) Flammability (solid, gas) j) Upper/lower flammability or explosive limits k) Vapor pressure I) Vapor density m) Relative density m) Relative density n) Water solubility o) Partition coefficient: n- octanol/water p) Auto-ignition temperature q) Decomposition temperature r) Viscosity s) Explosive properties t) Oxidizing properties			

10. STABILITY AND REACTIVITY

- 10.1 Reactivity: No data available
- 10.2 Chemical stability: Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions: No data available
- Conditions to avoid: No data available 10.4
- 10.5 Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Other decomposition products - no data available. In the event of fire: see section 5 10.6

11. TOXICOLOGICAL INFORMATION 11.1

Information on toxicological effects

- Acute toxicity: No data available
- Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available Germ cell mutagenicity: No data available

Carcinogenicity:

- No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed IARC: human carcinogen by IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity: No data available

- Persistence and degradability: No data available 12.2
- 12.3 Bioaccumulative potential: No data available
- 12.4 Mobility in soil: No data available
- Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted 12.5 12.6 Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging: Dispose of as unused product.

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Aspiration hazard: No data available Additional Information: RTECS: Not available

14. TRANSPORT INFORMATION

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards: No SARA Hazards Massachusetts Right to Know Components: No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components Fmoc-Lys(Biotin)-OH CAS-No. **Revision Date** 146987-10-2 New Jersey Right to Know Components Fmoc-Lys(Biotin)-OH CAS-No. **Revision Date** 146987-10-2 California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMIS Rating	
Health hazard:	0
Chronic Health Hazard:	
Flammability:	0
Physical Hazard	0
NFPA Rating	
Health hazard:	0
Fire Hazard:	0
Reactivity Hazard:	0

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. CreoSalus, Inc. shall not be liable for any damage resulting in the handling or from contact with the above product.

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