Creosalus, Inc (Advanced ChemTech) www.AdvancedChemTech.com SAFETY DATA SHEET

Revision Date 12/07/2015

I.1 Pro Pro Bra CA I.2 Re Ide I.3 De	AND COMPANY IDENTIFICAT oduct identifiers oduct name	
I.1 Pro Pro Bra CA I.2 Re Ide I.3 De	oduct identifiers	
Pro Pro CA I.2 Re Ide I.3 De		
Pro Bra CA I.2 Re Ide I.3 De		: Fmoc-Leu-OSu
Bra CA I.2 Re Ide	oduct Number	: FL2351
CA I.2 Re Ide		: Advanced ChemTech
I.2 Re Ide	AS-No.	: 76542-83-1
lde I.3 De		substance or mixture and uses advised against
l.3 De	entified uses	: Laboratory chemicals, Manufacture of substances
Co	tails of the supplier of the sat	
	ompany	: Creosalus, Inc.
-		5609 Fern Valley Rd, Louisville, KY 40228 USA
	lephone	: +1 800-456-1403
Fa		: +1 502-968-1000
l.4 En	nergency telephone number	: +1 800-424-9300 Chemtrec
	IDENTIFICATION	
		or mixture: Not a hazardous substance or mixture.
		precautionary statements: Not a hazardous substance or mixture.
		d (HNOC) or not covered by GHS – none
B. COMPOSIT	ION/INFORMATION ON INGR	EDIENTS
	Ibstances	
	rmula	: C ₂₅ H ₂₆ N ₂ O ₆
	blecular Weight	: 450.49g/mole
	AS-No.	: 76542-83-1
	o ingredients are hazardous acc	
INC	o components need to be disclos	sed according to the applicable regulations.
4. FIRST AID	MEASURES	
	escription of first aid measure	
		erson into fresh air. If not breathing, give artificial respiration.
		f with soap and plenty of water.
	case of eye contact: Flush eye	
		g by mouth to an unconscious person. Rinse mouth with water.
		effects, both acute and delayed: The most important known symptoms and effects are described in the
	beling (see section 2.2) and/or in	
4.3 Inc	dication of any immediate me	dical attention and special treatment needed: No data available
	ING MEASURES	
	tinguishing media	
		lse water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
		e substance or mixture: Carbon oxides, nitrogen oxides (NOx)
		f contained breathing apparatus for fire fighting if necessary.
5.4 Fu	rther information: No data ava	ilable
	AL RELEASE MEASURES	
		re equipment, and emergency procedure: Avoid dust formation. Avoid breathing vapors, mist or gas
6.1 Pe	r personal protection see section	
6.1 Pe Fo	vironmental precautions: Do	
6.1 Pe Fo		et en en de la ferra de la companya de la deservat
5.1 Pe Fo 5.2 En	ethods and materials for conta	ainment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.
5.1 Pe Fo 5.2 En 5.3 Me	ethods and materials for conta eference to other sections: Fo	
5.1 Pe Fo 5.2 En 5.3 Me 5.4 Re	eference to other sections: Fo	
5.1 Pe Fo 5.2 En 5.3 Me 5.4 Re 7. HANDLING	eference to other sections: Fo	r disposal see section 13.
5.1 Pe Fo 5.2 En 5.3 Me 5.4 Re 7. HANDLING 7.1 Pro	AND STORAGE ecautions for safe handling: F	r disposal see section 13. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.
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5.1 Pe Fo 5.2 En 5.3 Me 5.4 Re 7. HANDLING 7.1 Pr 7.2 Co 7.3 Sp 8. EXPOSURE 8.1 Co 8.2 Ex 8.2 Ex 9.2 Ex 9.2 Ex 9.2 Ex 9.2 Co 8.1 Co 8.2	AND STORAGE ecautions for safe handling: For additions for safe storage, inc ecommended storage temperatu- becific end use(s): Apart from the ECONTROLS/PERSONAL PR ontrol parameters omponents with workplace co properiate engineering control personal protective equipment reafface protection Use equipment EN 166(EU). in protection Handle with glow ter surface) to avoid skin conta od laboratory practices. Wash a ody Protection Choose body p	r disposal see section 13. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2. Iuding any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Ire: (≤5°C). Store under inert gas. Moisture sensitive. Keep in a dry place. he uses mentioned in section 1.2 no other specific uses are stipulated OTECTION Introl parameters Contains no substances with occupational exposure limit values. Is General industrial hygiene practice. ent for eye protection tested and approved under appropriate government standards such as NIOSH (US) es. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's act with this product. Dispose of contaminated gloves after use in accordance with applicable laws and and dry hands.

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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		
	 Partition coefficient: n- octanol/water 	no data available		
	p) Auto-ignition temperature	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		
9.2	Other safety information:	no data available		

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
- 10.4 Conditions to avoid: No data available
- 10.5 Incompatible materials: Strong oxidizing agents
- 10.6 Hazardous decomposition products: Other decomposition products no data available. In the event of fire: see section 5

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

12. ECOLOGICAL INFORMATION

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

 12.6
 Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS 13.1 Waste treatment method

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

14. TRANSPORT INFORMATION

DOT (US) Not dangerous goods IMDG Not dangerous goods

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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 che	emical components with known CAS numbers that exceed the threshold (De Minimis)
reporting levels establishe	d by SARA Title III, Sectio	n 313.
SARA 311/312 Hazards:	No SARA Hazards	
Massachusetts Right to	Know Components: No o	components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right to K	now Components	
Fmoc-Leu-OSu	CAS-No.	Revision Date
	76542-83-1	
New Jersey Right to Kno	ow Components	
Fmoc-Leu-OSu	CAS-No.	Revision Date
	76542-83-1	
California Prop. 65 Com	ponents	
This product does not con	tain 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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