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

Revision Date 11/27/17

	DUCT AND COMPANY IDENTIFICA	lion			
1.1	Product identifiers				
	Product name	: H-Glu(OBzl)-OH			
	Product Number	: IE7226			
	Brand	: Advanced ChemTech			
	CAS-No.	: 1676-73-9			
1.2		substance or mixture and uses advised against			
1.2	Identified uses				
		: Laboratory chemicals, Manufacture of substances			
1.3	Details of the supplier of the safety 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				
	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		d (HNOC) or not covered by GHS – none			
-					
3. COM	POSITION/INFORMATION ON INGR	EDIENTS			
3.1	Substances				
	Formula	: C12H15NO4			
	Molecular Weight	: 237.26g/mole			
	CAS-No.	: 1676-73-9			
	No ingredients are hazardous acc				
	No components need to be disclo	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 scap and plenty of water.				
	In case of eye contact: Flush eyes with water as a precaution.				
	In case of eye contact. Flush ey	es with water as a precaution.			
		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			
	labeling (see section 2.2) and/or i				
4.3	Indication of any immediate me	dical attention and special treatment needed: No data available			
5. FIRE	FIGHTING MEASURES				
5.1	Extinguishing media				
	Suitable extinguishing media: L	Jse water spray, alcohol-resistant foam, dry chemical or carbon dioxide.			
5.2	Special bazards arising from th	e substance or mixture: Carbon oxides, nitrogen oxides (NOx)			
5.3		If contained breathing apparatus for fire fighting if necessary.			
5.3 5.4	Further information: No data av				
5.4					
6. ACCI	IDENTAL RELEASE MEASURES				
6.1		ve equinment and emergency procedure: Avoid dust formation. Avoid breathing vapors mist or gas			
0.1	Personal Precautions, protective equipment, and emergency procedure: Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.				
~ ~					
6.2	Environmental precautions: Do				
6.3		ainment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.			
6.4	Reference to other sections: For	r disposal see section 13.			
	DLING AND STORAGE				
	Precautions for safe handling:	Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.			
7.1					
7.1	Conditions for safe storage, inc	luding any incompatibilities: Keep container tightly closed in a dry and well-ventilated place.			
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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. PHYS	SICAL 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

- Reactivity: No data available 10.1
- Chemical stability: Stable under recommended storage conditions. 10.2
- 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

- Information on toxicological effects 11.1
 - 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

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

- Toxicity: No data available 12.1
- Persistence and degradability: No data available Bioaccumulative potential: No data available 12.2
- 12.3
- Mobility in soil: No data available 12.4
- 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

- Waste treatment methods 13.1
 - 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

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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

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טרו-אט. 1676-73-9 New Jersey Right to Know Components H-Glu(OBzl)-OH

CAS-No.

CAS-No.

Revision Date

1676-73-9 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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