

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

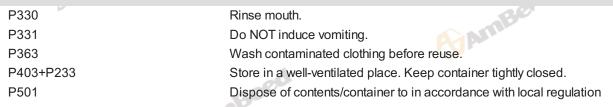
1.1	Product identifiers					
	Product Name:	2-ylidene)penta-1		)-3,3-dimethyl-2-(5-(1,3,3-trimethylindolin- tetrafluoroborate(CY5 NHS ester)		
	CAS Number: Catalog Numbers:	1263093-76-0 A1560187	bo			
1.2	-		e or mixture and uses advise	ad against		
1.2	Identified uses:		earch purposes.Not for drug	-		
1.3	Details of the supplier of the safety data sheet					
	Ambeed, Inc.					
			ngton Hts, IL 60004, USA	- Ch		
	Tel: 630-580-1088	E-mail: sales@ar	nbeed.com	mBe		
1.4	3205 N WILKE RD, STE 3205-125, Arrington Hts, IL 60004, USA       Tel: 630-580-1088       E-mail: sales@ambeed.com       Emergency telephone number					
	Emergency phone (USA): 1-352-323-3500					
	Emergency phone (C	anada): 1-800-535	5-5053			
2.	HAZARDS IDENT	IFICATION				
2.1	Classification of the		°e			
2.1			29 CFR 1910 (OSHA HCS)			
	Acute toxicity, oral(C		( ,	H302		
	Skin corrosion/irritati	on (Category 1A, 1	B, 1C )	H314		
	Serious eye damage	e/eye irritation(Cate	gory 1)	H318		
	No Resource File					
2.2	GHS Label elements	, including precauti	onary statements			
	Pictogra	•				
	Signal word:		Danger			
	Hazard statement(s)					
	H302		Harmful if swallowed			
	H314		Causes severe skin burns a	nd eye damage		
	Precautionary statem	nent(s)				
	P264		Wash hands thoroughly afte	r handling.		
	P270		Do not eat, drink or smoke			
	P271		Use only outdoors or in a we			
	P280		Wear protective gloves/prot protection.	tective clothing/eye protection/face		
	P303+P361+P353		IF ON SKIN (or hair): Remo- clothing. Rinse skin with wa	ve/Take off immediately all contaminated ter/shower.		
	P304+P340		IF INHALED: Remove victin	n to fresh air and keep at rest in a		
			position comfortable for bre	-		
	P305+P351+P338			ly with water for several minutes. Remove		
	<b>D</b> 240		contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.			
	P310		immediately call a POISON			
Pro	duct Url: www.ambeed.co	om/products/1263093	3-76-0.html	For Research Use		
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# 2.3 Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

# 3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1	Molecular Formula:	C36H42BF4N3O4
	Molecular Weight:	667.541

Component		Concentration		
1-(6-((2,5-Dioxopyrrolidin-1-yl)oxy)-6-oxohexyl)-3,3-dimethyl-2-(5-(1,3,3-trimethylindolin-2- ylidene)penta-1,3-dien-1-yl)-3H-indol-1-ium tetrafluoroborate				
CAS Number	1263093-76-0	-		

# 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

# If swallowed

Do NOT induce vomiting. 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 (see section 2.2) and/or in section 11

# 4.3 Indication of any immediate medical attention and special treatment needed

No data available

# 5. FIRE FIGHTING MEASURES

# 5.1 Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, dry chemical or carbon dioxide Unsuitable extinguishing media: no data

#### 5.2 Special hazards arising from the substance or mixture

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In combustion toxic fumes may form.

# 5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

# 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Do not attempt to take action without suitable protective clothing. For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river. Alert the neighbourhood to the presence of fumes or gas.

# 6.3 Methods and materials for containment and cleaning up

Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4 Reference to other sections

For disposal see section 13.

# 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Ensure there is sufficient ventilation of the area.

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

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage.Keep in dark place,Inert atmosphere,Store in freezer, under - 20°C

#### 7.3 Specific end use(s)

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

# 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

#### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### 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

#### Eye/face protection

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Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin 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.

### **Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. 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.

#### PHYSICAL AND CHEMICAL PROPERTIES 9.

	Appearance	Solid
	Boiling Point	No data available
	Melting Point Odour	No data available
	Odour	No data available
	Odour Threshold	No data available
	рН	No data available
	Flash point	No data available
	Evapouration rate	No data available
	Vapour pressure	No data available
	Vapor Density	No data available
	Relative density	No data available
	Solubility in water	No data available
	Auto-ignition temperature	No data available
	Decomposition temperature	No data available
	Viscosity No Data	No data available
	Explosive properties	No data available
	Oxidizing properties	No data available
	STABILITY AND REACTIVITY	AmBeea
1	Reactivity	Pa
	No data available	

10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

#### 10.2 Chemical stability

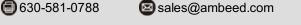
Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

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No data available

- 10.4 Conditions to avoid Not data available
- 10.5 Incompatible materials Not data available

### 10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, oxides of boron, hydrogen fluoride, nitrogen oxides

# 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Acute Toxicity Skin corrosion/irritation Serious eye Damage/irritation Respiratory or skin sensitisation Germ Cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure STOT-repeated exposure Aspiration hazard

No data available No data available

#### 11.2 Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA MamBeed or ACGIH

## 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
- 12.5 Results of PBT and vPvB assessment No data available
- 12.6 Other adverse effects No data available

### 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods **Disposal Operations** 

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Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste.

# **Disposal of Packaging**

Disposal must be made according to official regulations.

# 14. TRANSPORT INFORMATION

14.1 UN number ADR/RID: 1759	IMDG: 1759	IATA: 1759		
14.2 UN proper shipping nan ADR/RID: Corrosive sol IMDG: Corrosive solid, n IATA: Corrosive solid, n	id, n.o.s. n.o.s. .o.s.			
14.3 Transport hazard class( ADR/RID: 8	es) IMDG: 8	IATA: 8		
14.4 Packaging group ADR/RID: III		IATA: III		
14.5 Environmental hazards ADR/RID:-	IMDG: -	IATA: -		
14.6 Special precautions for No special precautions	required	Plamba		
14.7 Further information No data available	AmBeed			
15. REGULATORY INFO				
Safety, health and environmental and national regulations: Product is not subject to any additional regulations or provisions California Proposition 65 Not listed on California's listing of known or potential carcinogens. U.S. Federal Regulations SARA 313: Not applicable SARA 302: Not applicable SARA 311/312 Hazard Categories: See section 2 for more information Safety Assessment No Chemical Safety Assessment				
Company: Ambeed, Inc. Tel:630-580-1088 Fa	name of written contents			

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This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

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