

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION 1.

1.1	Product identifiers Product Name: 5-(Difluoromethoxy)-2-(((3,4-dimethoxypyridin-2-yl)methyl)sulfinyl)-1H- benzo[d]imidazole(Pantoprazole)					
	CAS Number: Catalog Numbers:	102625-70-7 A715231				
1.2	Relevant identified u Identified uses:		ce or mixture and uses advise search purposes.Not for drug	Ŧ		
1.3	Details of the supplie	etails of the supplier of the safety data sheet				
	Ambeed, Inc.	-	lington Hts, IL 60004, USA	MAMBer		
1.4	Emergency telephon Emergency phone (U Emergency phone (C	JSA): 1-352-323-3		A AL		
2.	HAZARDS IDENT	IFICATION	nbe			
2.1	Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)					
	Acute toxicity, oral(C		29 CH (1910 (OSHATICS)	H302		
	Acute toxicity, derma	e i <i>i</i>		H312		
	Acute toxicity, inhala			H332		
	No Resource File					
2.2	GHS Label elements	s, including precaut	tionary statements			
	Pictogra		() mBeeeo			
	Signal word:		Warning			
	Hazard statement(s)					
	H302		Harmful if swallowed			
	H312		Harmful in contact with skin			
	H332		Harmful if inhaled			
	Precautionary staten	nent(s)				
	P261		Avoid breathing dust/fume/g			
	P264		Wash hands thoroughly after	-		
	P270		Do not eat, drink or smoke	•		
	P271 P280		Use only outdoors or in a w	tective clothing/eye protection	lface	
	F200		protection.		Mace	
	P301+P312			OISON CENTER or doctor/pl	nysician if	
	P302+P352		IF ON SKIN: Wash with pler	nty of soap and water.		
	P304+P340		IF INHALED: Remove victin position comfortable for bre	n to fresh air and keep at res eathing.	tina	
Pro	duct Url: www.ambeed.c	:om/products/102625	5-70-7.html	_6	For Research Use Only !	
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P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P322	Specific measures (see on this label).
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to in accordance with local regulation

Other hazards 2.3

Additional precautionary phrases are located throughout the safety data sheet.

3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Molecular Formula: C16H15F2N3O4S Molecular Weight: 383.37

Component	Concentration				
5-(Difluoromethoxy)-2-(((3,4-dimethoxypyridin-2-yl)methyl)sulfinyl)-1H-benzo[d]imidazole					
CAS Number	102625-70-7	- P			
FIRST AID MEASURES					

FIRST AID MEASURES 4.

Description of first aid measures 4.1

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.

Most important symptoms and effects, both acute and delayed 4.2

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

Indication of any immediate medical attention and special treatment needed 4.3 No data available

FIRE FIGHTING MEASURES 5.

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.

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5.3 Advice for firefighters

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

ACCIDENTAL RELEASE MEASURES 6.

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.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.

Exposure controls 8.2

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

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).

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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).

Solid

No data available No data available

Control of environmental exposure

Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Boiling Point	
Melting Point	
Odour	
Odour Threshold	
Odour Threshold pH Elash point	
Flash point	
Evapouration rate	
Vapour pressure	
Vapor Density	
Relative density	
Solubility in water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity No Data	
Explosive properties	
Oxidizing properties	

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

AmBeed Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions No data available

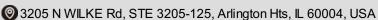
10.4 Conditions to avoid

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Not data available

10.5 Incompatible materials Not data available

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

TOXICOLOGICAL INFORMATION 11.

11.1 Information on toxicological effects

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 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 No data available

- DAmBeed 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

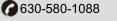
Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste.

Disposal of Packaging

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	Disposal must be made according t				
14.	TRANSPORT INFORMATION	BIAM			
14.1	UN number ADR/RID: -	IMDG: -	IATA: -		
14.2	UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods				
14.3	Transport hazard class(es) ADR/RID: -	IMDG: -	IATA: -		
14.4	Packaging group ADR/RID: -	MDG: -	IATA: -		
14.5	Environmental hazards ADR/RID: -	IMDG: -	IATA: -		
14.6	Special precautions for user No special precautions required				
14.7	Further information No data available		AnnBer		
15.	REGULATORY INFORMATION 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				
16.	No Chemical Safety Assessment OTHER INFORMATION The reference company name of wri Company: Ambeed, Inc. Tel:630-580-1088 Fax: 630-581- Address: 3205 N WILKE RD, STE 3				

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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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