

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product identifiers Product Name: CAS Number: Catalog Numbers:	9,10-Anthracenedicar 1217-45-4 A636134	bonitrile		
1.2	Relevant identified u Identified uses:		mixture and uses advise h purposes.Not for drug	-	
1.3	Ambeed, Inc.	er of the safety data she STE 3205-125, Arlingto E-mail: sales@ambe	n Hts, IL 60004, USA		đ
1.4		e number JSA): 1-352-323-3500 Canada): 1-800-535-50	53	AlamB	
2.	HAZARDS IDENT	IFICATION	e		
2.1	Acute toxicity, oral , a inhalation(Category	n accordance with 29 C acute toxicity, dermal ar 3)	FR 1910 (OSHA HCS) Id acute toxicity,	H301+H311+H331	
	Skin corrosion/irritati Serious eye damage	ion (Category 2) e/eye irritation(Category	2A)	H315 H319	
	No Resource File	00			
2.2	GHS Label elements, including precautionary statements				
	Pictogra	3			
	Signal word:	Dar	nger		
	Hazard statement(s)				
	H301+H311+H331 H315		c if swallowed, in contac ses skin irritation	t with skin or if inhaled	
	H319		ses serious eye irritation	1	
	Precautionary staten	nent(s)			
	P261	. ,	id breathing dust/fume/g	as/mist/vapours/spray.	
	P264		sh hands thoroughly afte	-	
	P270		not eat, drink or smoke v	e .	
	P271		e only outdoors or in a we		
	P280		ar protective gloves/prot tection.	ective clothing/eye protect	ction/face
	P301+P310+P330		WALLOWED: Immedia	tely call a POISON CENT uth.	ER or
	P302+P352+P312	IF C		ty of soap and water. Ca	l a POISON
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P304+P340+P311		IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
P305+P351+P338		IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313		If skin irritation occurs: Get medical advice/attention.
P337+P313	PUP	If eye irritation persists: Get medical advice/attention.
P361+P364		Take off immediately all contaminated clothing and wash it before
		reuse.
P403+P233		Store in a well-ventilated place. Keep container tightly closed.
P405		Store locked up.
P501		Dispose of contents/container to in accordance with local regulation

2.3 Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Molecular Formula: C16H8N2 Molecular Weight: 228.25

Component		Concentration
9,10-Anthracenedicarbonitrile		
CAS Number	1217-45-4	-

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

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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

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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 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.

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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.Sealed in dry, room temperature

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.

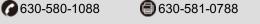
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8.2 Exposure controls

Appropriate engineering controls

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Page 3 of 7





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).

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).

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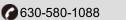
Control of environmental exposure

Do not let product enter drains.

PHYSICAL AND CHEMICAL PROPERTIES 9.

0.	Appearance	Yellow to Green powder or crystals
	Boiling Point	No data available
	Melting Point	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
10.	STABILITY AND REACTIVITY	
10.1	Reactivity	all
	No data available	anamBer

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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

Carbon monoxide, carbon dioxide, 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
- AmBeed 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 AmBeed
- 12.3 Bioaccumulative potential No data available
- 12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects No data available

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13.	DISPOSAL CONSIDERATIONS	PLAMBee		
13.1	Waste treatment methods Disposal Operations Consult state, local or national regula hazardous waste. Disposal of Packaging Disposal must be made according to	ations for proper disposal. Hand ove	er to authorised disposal c	ompany as
14.	TRANSPORT INFORMATION			
14.1	UN number ADR/RID: 3439	IMDG: 3439	IATA: 3439	
14.2	UN proper shipping name ADR/RID: Nitriles, solid, toxic, n.o.s. IMDG: Nitriles, solid, toxic, n.o.s. IATA: Nitriles, solid, toxic, n.o.s.	AmBeed		
14.3	Transport hazard class(es) ADR/RID: 6.1	IMDG: 6.1	IATA: 6.1	
14.4	Packaging group ADR/RID: III	IMDG: III		
14.5	Environmental hazards ADR/RID: -	IMDG: -	IATA: -	
14.6	Special precautions for user No special precautions required	IMDG: -		
14.7	Further information No data available			
15. REGULATORY INFORMATION				
	This product is ON the EPA Toxic S California Proposition 65 Not listed on California's listing of kr U.S. Federal Regulations SARA 313: Not applicable SARA 302: Not applicable SARA 311/312 Hazard Categories: Safety Assessment No Chemical Safety Assessment	nown or potential carcinogens.	ntory.	
16.	OTHER INFORMATION The reference company name of wri Company: Ambeed, Inc.	tten contents 0788 E-mail:sales@ambeed.cor		

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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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