1.1

Product identifiers



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

	Product Name: CAS Number: Catalog Numbers:	Methyl 2-pentend 818-59-7 A525889	oate	4	
1.2			nce or mixture and uses ac	-	
	Identified uses:	For laboratory re	esearch purposes.Not for c	lrug or household use.	
1.3	Details of the supplie Ambeed, Inc. 3205 N WILKE RD, 3 Tel: 630-580-1088	STE 3205-125, A	rlington Hts, IL 60004, US/		đ
1.4	Emergency telephon Emergency phone (L Emergency phone (C	JSA): 1-352-323-3		MAMB	U.
2.	HAZARDS IDENT	IFICATION	Bee		
2.1	Classification of the s GHS Classification in Flammable liquids (C Skin corrosion/irritati Serious eye damage Specific target organ system(Category 3) No Resource File	n accordance with Category 2) ion (Category 2) e/eye irritation(Cat	a 29 CFR 1910 (OSHA HC tegory 2A)	CS) H225 H315 H319 H335	
2.2	GHS Label elements Pictogra	s, including precau	utionary statements	0	
	Signal word:		Danger		
	Hazard statement(s)	1			
	H225		Highly flammable liquid a	and vapour	
	H315		Causes skin irritation	,	
	H319		Causes serious eye irrita	ation	
	H335	May cause respiratory irritation			
	Precautionary staten	nent(s)			
	P233 P240		Keep away from heat/sp smoking.	oarks/open flames/hot surface	es. – No
			Keep container tightly closed. Ground/bond container and receiving equipment.		
	P241 Use explosion-proof electrical/ventilating/lightin		ctrical/ventilating/lighting//e	quipment.	
			Use only non-sparking to	ng tools.	
			asures against static discharge.		
	P260			e/gas/mist/vapours/spray.	
	P261		Avoid breathing dust/fur	ne/gas/mist/vapours/spray.	
Pro	duct Url: www.ambeed.c	om/products/818-59	9-7.html		For Research

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P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face
	protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated
POPE	clothing. Rinse skin with water/shower.
P304	IF INHALED:
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a
	position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P312 P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P340	Remove victim to fresh air and keep at rest in a position comfortable
	for breathing.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use CO2, foam or extinguishing powder for extinction.
P403	Store in a well-ventilated place.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
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: Molecular Weight:	C6H10O2 114.1424	
	Component		Concentration
	Methyl 2-pentenoate		
	CAS Number	818-59-7	- 00
4.	FIRST AID MEASURES		ADAMA

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.

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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

Special hazards arising from the substance or mixture 5.2

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.

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 MAMBeed 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

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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,2-8°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.

EXPOSURE CONTROLS, PERSONAL PROTECTION 8.

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

PLAmBer Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. AmBe

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).

Liquid

Control of environmental exposure

Do not let product enter drains.

PHYSICAL AND CHEMICAL PROPERTIES 9.

Appearance
Boiling Point
Melting Point
Odour
Odour Threshold
рН
Flash point
Evapouration rate

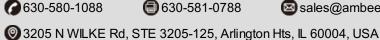
Vapour pressure

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No data available No data available

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Vapor Density Relative density Solubility in water Auto-ignition temperature Decomposition temperature Viscosity No Data Explosive properties Oxidizing properties

No data available No data available

10. STABILITY AND REACTIVITY

- 10.1 Reactivity
- Stable under recommended storage conditions. Possibility of hazardous reactions. 10.2 Chemical stability
- 10.3 Possibility of hazardous reactions 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

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 or ACGIH

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12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

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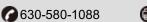
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- 12.2 Persistence and degradability No data available
- 12.3 Bioaccumulative potential No data available
- 12.4 Mobility in soil No data available
- 12.5 Results of PBT and vPvB assessment No data available
- 12.6 Other adverse effects

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.

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Disposal of Packaging

Disposal must be made according to official regulations.

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14. TRANSPORT INFORMATION

14.	TRANSPORT INFORMATION			đ	
	UN number		AlamB		
14.1	ADR/RID: 1993	IMDG: 1993	IATA: 1993		
14.2	UN proper shipping name ADR/RID: Flammable liquid, n.o.s. IMDG: Flammable liquid, n.o.s. IATA: Flammable liquid, n.o.s.	AmBeer			
14.3	Transport hazard class(es) ADR/RID: 3	IMDG: 3	IATA: 3		
14.4	Packaging group ADR/RID: III	IMDG: III	IATA: III		
14.5	Environmental hazards ADR/RID: -	IMDG: - PIAMBOOK	IATA: -		
14.6	Special precautions for user No special precautions required	N.			
14.7	Further information No data available				
15.	REGULATORY INFORMATION	N			
	Safety, health and environmental and national regulations: Product is not subject to any additional regulations or provisions California Proposition 65				
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Not listed on California's listing of known or potential carcinogens.

U.S. Federal Regulations SARA 313: Not applicable SARA 302: Not applicable

AmBeed SARA 311/312 Hazard Categories: See section 2 for more information

Safety Assessment

No Chemical Safety Assessment

16. OTHER INFORMATION

The reference company name of written contents Company: Ambeed, Inc. Tel:630-580-1088 Fax: 630-581-0788 E-mail:sales@ambeed.com Address: 3205 N WILKE RD, STE 3205-125, Arlington Hts, IL 60004, USA

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.

> Revision Date 11/09/2023 Print Date 05/07/2024

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