

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product identifiers						
	Product Name:	Benzyl tert-butyl malonate					
	CAS Number:	72594-86-6					
	Catalog Numbers:	A184790	Å.				
1.2		uses of the substance or mixture and uses advised against					
	Identified uses:	For laboratory research purposes.Not for drug or household use.					
1.3	Details of the supplie						
	Ambeed, Inc.						
	3205 N WILKE RD, STE 3205-125, Arlington Hts, IL 60004, USA						
	Tel: 630-580-1088	E-mail: sales@a	mbeed.com	- 01			
1.4	Emergency telephone number Emergency phone (USA): 1-352-323-3500						
	Emergency phone (USA): 1-352-323-3500						
	Emergency phone (Canada): 1-800-535-5053						
2.	HAZARDS IDENTIFICATION						
2.1 Classification of the substance or mixture							
	GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)						
	Acute toxicity, oral(Category 4) H302						
	No Resource File						
2.2	GHS Label elements, including precautionary statements						
	Pictogra	4	\land				
	-	.eo	\checkmark				
	Signal word:		Warning				
	Hazard statement(s)		Beech				
	H302		Harmful if swallowed				
	Precautionary statem	nent(s)	N.				
	P280		Wear protective gloves/protective clothing/eye protection/face				
			protection.				
	P305+P351+P338		IF IN EYES: Rinse cautiously	ly with water for several minutes. Remove			
			contact lenses, if present an	nd easy to do. Continue rinsing.			

2.3 Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Molecular Formula: Molecular Weight:	C14H18O4 250.2903	
Component	Bee	Concentration
Benzyl tert-butyl malonate	NP	
CAS Number	72594-86-6	-

4. FIRST AID MEASURES

Product Url: www.ambeed.com/products/72594-86-6.html

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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.

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

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 In combustion toxic fumes may form.

5.3 Advice for firefighters

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

ACCIDENTAL RELEASE MEASURES 6.

Personal precautions, protective equipment and emergency procedures 6.1

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

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

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6.4 Reference to other sections For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

AmBeed 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

Control parameters 8.1

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

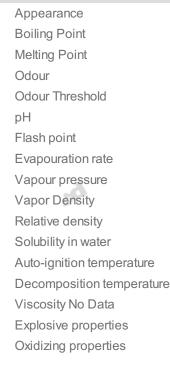
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Colorless to Yellow Liquid No data available No data available

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10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Ambeed Stable under recommended storage conditions.

HAMBee

- 10.3 Possibility of hazardous reactions No data available
- 10.4 Conditions to avoid Not data available
- 10.5 Incompatible materials Strong oxidizing agents
- 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

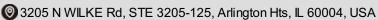
No data available No data available

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Aspiration hazard

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

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

1

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

14.1	UN number			
	ADR/RID: -	IMDG: -	IATA: -	nBer
14.2	UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods	mBeed	P UAL	
14.3	Transport hazard class(es)			
	ADR/RID: -	IMDG: -	IATA: -	
14.4	Packaging group ADR/RID: -	IMDG: -	IATA: -	
14.5	Environmental hazards 🔬			
	ADR/RID: -	IMDG: -	IATA: -	
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14.6 Special precautions for user

No special precautions required

14.7 Further information

No data available

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

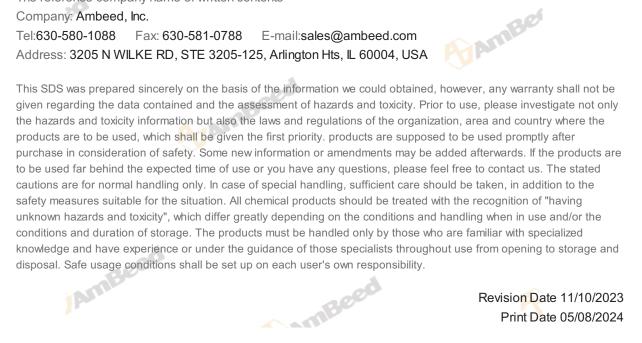
SARA 311/312 Hazard Categories: See section 2 for more information DAN

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



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