

# Avocado Research Chemicals Ltd - Material Safety Data Sheet 22417

## 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name On Label 1,3,5-Triethynylbenzene  
Product Number 22417  
Supplier Johnson Matthey Catalog Company Inc.  
30 Bond Street, Ward Hill, Massachusetts, 01835-8099  
Emergency Telephone Number: (978) 521-6300; CHEMTREC: (800) 424-9300

Alternative Names None in common use.

## 2. COMPOSITION AND INFORMATION ON COMPONENTS

Name 1,3,5-Triethynylbenzene  
Minor Impurities Not determined  
CAS No. 7567-63-7 EINECS No. Not listed EEC No.

## 3. HAZARDS IDENTIFICATION

Designation FLAMMABLE ~ HARMFUL ~ IRRITANT ~ LACHRYMATORY  
Risk Phrases R10 Flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R65 Harmful: May cause lung damage if swallowed.  
R36/37/38 Irritating to eyes, respiratory system and skin.

## 4. FIRST AID MEASURES

Inhalation Remove to fresh air. If breathing is difficult give oxygen and seek medical attention.  
Eye Contact Flush with copious amounts of water for at least 15 minutes. If irritation or lachrymation persists, seek medical attention.  
Skin Contact Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.  
Ingestion Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.

## 5. FIRE FIGHTING MEASURES

Extinguishing Medium Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.  
Protective Equipment Wear self-contained breathing apparatus and protective clothing.

Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Protection Avoid inhalation or contact of vapour with eyes. Wear protective equipment including rubber gloves, safety goggles or breathing equipment. Keep unprotected persons away.  
Environmental Protection Collection Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

## 7. HANDLING AND STORAGE

Handling Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.  
Storage Store in tightly sealed containers in a cool place.  
Protect from moisture.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.  
Eye Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.  
Hands and Body Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger quantities, full arm, body and face protection. Wash hands thoroughly after handling.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance			
Physical Constants	m.p. 105-107°		
Molecular formula	C <sub>12</sub> H <sub>6</sub>	Formula Wt.	150.18
Water solubility		Density	Not available
Flash Point	Not available		

## 10. STABILITY AND REACTIVITY

### Specific Hazard

Incompatibilities	Acids. Oxidising agents. Alkali metals. Halogens.
Decomposition	Hazardous products of decomposition may include: carbon monoxide, carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

RTECS No.	Not listed
Acute Toxicity	LD <sub>50</sub> : Not available Harmful by inhalation and in contact with skin. Irritating to eyes, respiratory system and skin.

## 12. ECOLOGICAL EFFECTS

General	Take care to prevent chemicals from entering the ground, water courses or drainage systems.
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## 13. DISPOSAL CONSIDERATIONS

Disposal	Disposal should be via an approved contractor and should take full account of local regulations.
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## 14. TRANSPORT INFORMATION

UN Number	1993		
Land Transport	ADR/RIC Code/Class 3	Packing Group 3b	
Maritime Transport	IMDG Code/Class 3.2	Packing Group II	
Air Transport	IATA Code/Class 3	Packing Group II	

## 15. REGULATORY INFORMATION

CAS No. 7567-63-7	EINECS No. Not listed	EEC No.	UN No. 1993	RTECS No. Not listed
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Hazard Indication	FLAMMABLE ~ HARMFUL ~ IRRITANT ~ LACHRYMATORY
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Risk & Safety Phrases	Flammable. Harmful by inhalation and in contact with skin. Harmful: May cause lung damage if swallowed. Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.
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## TSCA

## 16. OTHER INFORMATION

It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of Last Review: 1st June 2000 Date Printed: 13th November 2000