

Avocado Research Chemicals Ltd - Material Safety Data Sheet 18585

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name On Label 1-(3-Methoxybenzoyl)-2-(1-naphthoyl)-hydrazine
Product Number 18585
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-Methoxybenzoyl)-2-(1-naphthoyl)-hydrazine
Minor Impurities	Not determined
CAS No.	73941-12-5
	EINECS No. 2776451
	EEC No.

3. HAZARDS IDENTIFICATION

Designation IRRITANT

Risk Phrases 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 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, oxides of nitrogen, nitric acid, hydrogen cyanide.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.
Environmental Protection Collection Take precautions to ensure product does not contaminate the ground or enter the drainage system. Mix with 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	Not available		
Molecular formula	C ₁₉ H ₁₆ N ₂ O ₃		
Water solubility		Formula Wt.	320.33
Flash Point	Not available	Density	Not available

10. STABILITY AND REACTIVITY

Specific Hazard

Incompatibilities	Oxidising agents. Reducing agents. Oxygen. Copper. Zinc. Organic materials.
Decomposition	Hazardous products of decomposition may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

RTECS No.	MV5370000
Acute Toxicity	LD ₅₀ : IVN-MUS 178mg/kg 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

Land Transport	ADR/RIC Code/Class	Not Restricted
Maritime Transport	IMDG Code/Class	Not Restricted
Air Transport	IATA Code/Class	Not Restricted

15. REGULATORY INFORMATION

CAS No. 73941-12-5	EINECS No. 2776451	EEC No.	UN No. None	RTECS No. MV5370000
Hazard Indication	IRRITANT			
Risk & Safety Phrases	Irritating to eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.			
TSCA	Not listed. For research and development use only.			

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: 3rd August 1998 **Date Printed:** 18th September 1998