

MATERIAL SAFETY DATA SHEET

Hampford Research, Inc.

SECTION 1. -----CHEMICAL PRODUCT AND COMPANY IDENTIFICATION-----

9,10-Diethoxyanthracene

CHEMICAL FORMULA: C18 H18 O2

CAS NUMBER: 68818-86-0

CHEMICAL NAME: 9,10-Diethoxyanthracene

REVISED: 2/13/2006

MANUFACTURER: Hampford Research, Inc
P.O. Box 1073
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Stratford, CT 06615

EMERGENCY TELEPHONE NUMBERS: OFFICE (203) 375-1137
CHEMTREC (800) 424-9300

SECTION 2. -----COMPOSITION / INFORMATION ON INGREDIENTS-----

COMPONENT	CAS #	% BY WEIGHT	EXPOSURE LIMITS
9,10-Diethoxyanthracene	68818-86-0	99%	

SECTION 3. -----HAZARDS IDENTIFICATION-----

EYES: Avoid contact with eyes.

SKIN: Avoid contact with skin and clothing.

SWALLOWING: Avoid ingestion.

INHALATION: Avoid inhalation.

SECTION 4. -----FIRST AID MEASURES-----

EYE CONTACT:
In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

SKIN CONTACT:
In case of contact, immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

INGESTION:
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION:
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

SECTION 5. -----FIRE FIGHTING MEASURES-----

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Emits toxic fumes under fire conditions.

FIRE EXTINGUISHING MEDIA:
Water spray.
Carbon dioxide, dry chemical powder or appropriate foam.

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SPECIAL FIREFIGHTING INSTRUCTIONS:

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

SECTION 6. -----ACCIDENTAL RELEASE MEASURES-----

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Chemical resistant gloves, goggles, clothing which covers for any other exposed areas of the arms, legs, and torso;
NIOSH approved supplied air respirator with a APF of 1,000.

SPILL CLEANUP MEASURES:

Sweep up, place in a bag and hold for waste disposal.
Avoid raising dust.
Ventilate area and wash spill site after material pickup is complete.

SECTION 7. -----HANDLING AND STORAGE-----

HANDLING AND STORAGE REQUIREMENTS:

Refer to Section 8.

SECTION 8. -----PERSONAL PROTECTION/EXPOSURE CONTROLS-----

EYE/FACE PROTECTION: Chemical safety goggles.
Safety shower and eye bath.

SKIN PROTECTION: Compatible chemical-resistant gloves.
Rubber boots.
Wash thoroughly after handling.

RESPIRATORY PROTECTION: NIOSH approved supplied air respirator with a APF of 1,000.

ENGINEERING CONTROLS: Mechanical exhaust required.
Store in a cool dry place.
Keep tightly closed.

SECTION 9. -----PHYSICAL AND CHEMICAL PROPERTIES-----

PHYSICAL STATE: Powder

MELTING POINT: 148-150 C

BOILING POINT: N/A

SPECIFIC GRAVITY: N/A

APPEARANCE: Light green powder

ODOR: N/A

OTHER:

SECTION 10. -----STABILITY AND REACTIVITY-----

INCOMPATIBILITIES:
Strong oxidizing agents.

HAZARDOUS DECOMPOSITION:
Toxic fumes of: carbon monoxide, carbon dioxide.

CHEMICAL STABILITY:
Data not available.

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HAZARDOUS POLYMERIZATION:

Data not available.

SECTION 11. -----TOXICOLOGICAL INFORMATION-----

TOXICOLOGICAL EFFECTS:

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

May cause eye irritation.

May cause skin irritation.

Material may be irritating to mucous membranes and upper respiratory tract.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

SECTION 12. -----ECOLOGICAL INFORMATION-----

ECOLOGICAL EFFECTS:

Data not yet available.

SECTION 13. -----DISPOSAL INFORMATION-----

WASTE MANAGEMENT PROCEDURES:

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14. -----TRANSPORT INFORMATION-----

TRANSPORTATION INFORMATION:

Contact Hampford Research, Inc. for transportation information.

-----DOT (DOMESTIC SURFACE)-----

PROPER SHIPPING NAME: NOT REGULATED BY DOT, NOT LISTED

HAZARD CLASS OR DIVISION:

UN / NA NUMBER:

PACKING GROUP:

DOT PRODUCT RQ lbs (kgs):

HAZARD LABEL (s):

HAZARD PLACARD (s):

-----IMO / IMDG CODE (OCEAN)-----

PROPER SHIPPING NAME:

HAZARD CLASS DIVISION NUMBER:

UN NUMBER:

PACKAGING GROUP:

HAZARD LABEL (s):

HAZARD PLACARD (s):

-----ICAO / IATA (AIR)-----

PROPER SHIPPING NAME: NOT REGULATED BY IATA, NOT LISTED

Revision Date: 2/13/2006

Chemical Name: 9,10-Diethoxyanthracene

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HAZARD CLASS DIVISION NUMBER:
UN NUMBER:
SUBSIDIARY RISK:
PACKING GROUP:
HAZARD LABEL (s):
RADIOACTIVE?:
PASSENGER AIR - MAX QTY:
PASSENGER PACKING INSTRUCTION:
CARGO AIR - MAX QTY:
CARGO AIR PACKAGING INSTRUCTION:

SECTION 15. -----REGULATORY INFORMATION-----

REGULATORY INFORMATION:

EINECS No. 272-401-0, ON TSCA INVENTORY JULY 2003 TAPE, ON NDSL CANADA GAZETTE, PART I, JANUARY 31, 1998 ON EINECS ANNEX TO OFFICAL JOURNAL OF EUROPEAN COMMUNITIES, 15 JUNE 1990, ON AICS AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES, JUNE 1996 ED. ON ASIA-PAC

SECTION 16. -----ADDITIONAL INFORMATION-----

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hampford Research, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Hampford Research grants permission to make unlimited paper copies for internal use only.