

# MATERIAL SAFETY DATA SHEET

## Hampford Research, Inc.

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

#### PHENYL ACRIDINE (9-)

**CHEMICAL FORMULA:** C19 H13 N

**CAS NUMBER:** 602-56-2

**CHEMICAL NAME:** 9-Phenyl Acridine

**REVISED:** 7/7/2004

**MANUFACTURER:** Hampford Research, Inc  
P.O. Box 1073  
54 Veterans Blvd.  
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-Phenyl Acridine	602-56-2	> 99%	

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

**EYES:** May be irritating to the eyes.

**SKIN:** Avoid skin contact.

**SWALLOWING:** Do not swallow may be toxic.

**INHALATION:** Do not inhale may be irritating to the respiratory tract.

### 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 water for at least 15 minutes. Wash contaminated clothing before reuse.

**INGESTION:**

If swallowed, wash out mouth provided person is conscious. Get prompt medical attention.

**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):**

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

### **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:**

Store in a cool, dry place. Keep container tightly closed.

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

**EYE/FACE PROTECTION:** Wear safety goggles. Wear coverall splash goggles and face shield when possibility exists for eye and face contact from airborne material. Eye bath should be available.

**SKIN PROTECTION:** Wear appropriate impervious compatible chemical-resistant gloves and clothing. Safety shower available. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

**RESPIRATORY PROTECTION:** NIOSH/MSHA approved air purifying respirator.

**ENGINEERING CONTROLS:** Mechanical exhaust required.

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

**PHYSICAL STATE:** Powder

**MELTING POINT:** 184°C

**BOILING POINT:** Not applicable

**SPECIFIC GRAVITY:** Not applicable

**APPEARANCE:** Yellow

**ODOR:** Slight

**OTHER:** Solubility in water: nil

## **SECTION 10. -----STABILITY AND REACTIVITY-----**

### **INCOMPATIBILITIES:**

Avoid strong oxidizing agents.

### **HAZARDOUS DECOMPOSITION:**

Thermal decomposition may produce hazardous carbon and nitrogen compounds.

### **CHEMICAL STABILITY:**

Stable.

### **HAZARDOUS POLYMERIZATION:**

Polymerization will not occur.

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

### TOXICOLOGICAL EFFECTS:

May be irritating by inhalation, ingestion or skin contact. May cause redness and irritation. 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:

Observe all Federal, State and Local environmental regulations.

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

### TRANSPORTATION INFORMATION:

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

PROPER SHIPPING NAME: Not regulated by DOT  
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: Not regulated by IMDG  
HAZARD CLASS DIVISION NUMBER:  
UN NUMBER:  
PACKAGING GROUP:  
HAZARD LABEL (s):  
HAZARD PACKARD (s):

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

PROPER SHIPPING NAME: Not regulated by IATA

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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:

Regulatory Listings: NDSL (Canada); EINECS (EEC); TSCA (USA) EPA No: P 83-1042, EINS No: 210-020-3

## 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.