



**View Section:**    1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16

**FISHER SCIENTIFIC, CHEMICAL DIV.**

**PHENOLPHTHALENE**

**SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS Name: PHENOLPHTHALENE  
 Manufacturer Name: FISHER SCIENTIFIC, CHEMICAL DIV.  
 Address:  
     1 REAGENT LANE Box: N/K  
     City: FAIR LAWN  
     State: NJ  
     Zip: 07410  
     Country: US  
 Business Phone: 201-796-7100  
 For information in North America, call: 201-796-7100  
 Health Phone: 201-796-7100 OR 201-796-7523  
 Manufacturer MSDS Creation Date:  
     02/21/1991

[To Top of page](#)

**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Percent	
PHENOLPHTHALEIN	77-09-8	100	

RTECS:  
     SM8380000  
 OSHA PEL TWA: NOT ESTABLISHED  
 ACGIH TLV TWA: NOT ESTABLISHED  
 ACGIH STEL/Ceiling: N/P  
 Comments:  
     Other REC Limits: NONE SPECIFIED ; Ozone Depleting Chemical: N ;

[To Top of page](#)

**SECTION 3 : HAZARDS IDENTIFICATION**

**PHENOLPHTHALEIN:**

Route of Exposure:  
     Inhalation: YES Skin: YES Ingestion: YES  
 Potential Health Effects:  
     ACUTE-INHALATION/EYE/SKIN: MAY BE IRRITATING. INGESTION: EYELID  
     EDEMA, CONJUNCTIVAL ECCHYMOSIS, PERSISTENT PIGMENTATION & SKIN REACTION  
     WHICH MAY BE SEVERE. IN CHOCOLATE HAS CAUSED HYPOTHERMIA, HYPOTENSION, S  
     EVERE ACIDOSIS, PULMONARY & CEREBRAL EDEMA, COMA & DEATH. CHRONIC-SEVERE  
     ENTERITIS, FAINTING, SKIN RASH & HEMORRHAGE.  
 Carcinogenicity:  
     N/R  
 OSHA Designation: NO  
 NTP Designation: NO

IARC Designation: NO  
Signs/Symptoms:  
SEE HEALTH HAZARDS SECTION.  
Aggravation of Pre-Existing Conditions:  
NOT GIVEN.

LD 50 LC 50 Mixture  
LD50 (ORAL RAT) IS UNKNOWN

[To Top of page](#)

#### **SECTION 4 : FIRST AID MEASURES**

##### First Aid

GET MEDICAL CARE IN ALL CASES. INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NEEDED. KEEP PERSON WARM & QUIET. EYES: IMMEDIATELY FLUSH WITH WATER/NORMAL SALINE FOR 15-20 MINUTES HOLDING EYELIDS OPEN. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INGESTION: IF VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS TO PREVENT ASPIRATION. TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

[To Top of page](#)

#### **SECTION 5 : FIRE FIGHTING MEASURES**

##### Flash Point:

NEGLIGIBLE

##### Flash Point Method:

N/P

Upper Flammable or Explosive Limit: N/R

Lower Flammable or Explosive Limit: N/R

Auto Ignition Temperature: N/R

##### Extinguishing Media:

USE WATER FOG, CARBON DIOXIDE, ALCOHOL-RESISTANT FOAM, OR DRY CHEMICAL.

##### Fire Fighting Instructions:

NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. AVOID BREATHING VAPORS OR DUSTS. KEEP UPWIND. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

##### Unusual Fire Hazards:

NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FIRE.

[To Top of page](#)

#### **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

##### Leak Response:

NO SPECIAL PRECAUTIONS INDICATED. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. AVOID RAISING DUSTS.

##### Other Precautions:

DO NOT TAKE INTERNALLY. AVOID BREATHING DUST. AVOID CONTACT WITH EYES AND SKIN. DO NOT GET ON CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Neutralizing Agent

NOT APPLICABLE.

[To Top of page](#)

## **SECTION 7 : HANDLING and STORAGE**

Handling:

STORAGE-KEEP CONTAINER TIGHTLY CLOSED.

[To Top of page](#)

## **SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

Ventilation System:

LOCAL EXHAUST OR MECHANICAL (GENERAL) DILUTION VENTILATION SYSTEM

Hand Protection Description:

BUTYL RUBBER OR PVA

Eye/Face Protection:

DUST-RESISTANT SAFETY GOGGLES&FACESHIELD

Respiratory Protection:

USE NIOSH/MSHA APPROVED DUST & MIST RESPIRATOR WITH A FULL FACEPIECE OR SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED-AIR RESPIRATOR WITH A FULL FACEPIECE OPERATED IN POSITIVE PRESSURE.

Other Protective:

EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Other:

N/P

Work Hygienic Practices

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

[To Top of page](#)

## **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

Physical State/Appearance:

COLORLESS-YELLOWISH WHITE CRYSTALS

pH:

N/R

Decomposition Temperature:

UNKNOWN

Vapor Pressure:

N/R

Vapor Density:

N/R

Boiling Point:

N/R

Melting Point:

459F,237C

Solubility In Water:

INSOLUBLE

Specific Gravity:

1.3

Evaporation Point:

N/R  
Percent Volatile:  
N/R  
Viscosity:  
N/P  
Other:  
Corrosion Rate: UNKNOWN  
Comment:  
NRC/State LIC Number: N/R  
  
HCC  
N1

[To Top of page](#)

### **SECTION 10 : STABILITY AND REACTIVITY**

Chemical Stability:  
YES  
Conditions to Avoid:  
STABLE UNDER NORMAL TEMPERATURES AND PRESSURE.  
Incompatibilities with Other Materials:  
ALKALOIDS: MAY BE UNSTABLE.  
Hazardous Polymerization:  
NO  
Hazardous Decomposition Products:  
ACRID SMOKE AND IRRITATING FUMES  
  
Conditions To Avoid Polymerization  
HAS NOT BEEN REPORTED TO OCCUR UNDER NORMAL  
TEMPERATURES AND PRESSURES.

[To Top of page](#)

### **SECTION 11 : TOXICOLOGICAL INFORMATION**

Toxicological Paragraph:  
N/P

[To Top of page](#)

### **SECTION 12 : ECOLOGICAL INFORMATION**

Ecological Paragraph:  
N/P

[To Top of page](#)

### **SECTION 13 : DISPOSAL CONSIDERATIONS**

Waste Disposal:  
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND  
LOCAL LAWS AND REGULATIONS.

[To Top of page](#)

### **SECTION 14 : TRANSPORT INFORMATION**

Transportation Information:  
N/P

[To Top of page](#)

### **SECTION 15 : REGULATORY INFORMATION**

#### **PHENOLPHTHALEIN:**

SARA:

N/P

US Federal:

N/P

State:

N/P

[To Top of page](#)

### **SECTION 16 : ADDITIONAL INFORMATION**

MSDS Author:

N/P

Disclaimer:

Please note that although the information, opinions and recommendations contained in these Material Safety Data Sheets are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date.

Other Information

N/P

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