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## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 4-(benzyloxy)phenol

Sarchem Laboratories, Inc.  
5012 Industrial Road  
Farmingdale, NJ 07727

Emergency Phone No: 800-255-3924  
International: +1-813-248-0585  
ChemTel Inc

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS</u>	<u>EC:NO</u>	<u>Molecular Weight</u>
4-(Benzyloxy)phenol	103-16-2	203-083-3	200.23 g/mol

Synonyms: Monobenzene  
Formula: C<sub>13</sub>H<sub>12</sub>O<sub>2</sub>

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### 3. HAZARDS INFORMATION:

#### HMIS Classification

Health Hazard:	2
Flammability:	0
Physical hazards:	0

#### NFPA Rating

Health Hazard:	2
Flammability:	0
Physical hazards:	0

#### Potential Health Effects:

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	Will cause serious eye irritation.
<b>Ingestion</b>	May be harmful if swallowed.

#### Hazard statement

H317	May cause allergic skin reaction
H319	Causes serious eye irritation

**Precautionary statements**

P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash skin thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see supplemental first aid instructions on this label)
P333 + P313	If skin irritation or rash occurs: get medical advice/attention
P337 + P313	If eye irritation persists: get medical advice/ attention
P363	Wash contaminated clothing before reuse
P501	Dispose of contents/container to an approved waste disposal plant.

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**4. FIRST AID MEASURES:****General Advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangers area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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**5. FIRE FIGHTING MEASURES****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

Carbon oxides

**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for firefighting if necessary.

**Further information**

No data available

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**6. Accidental Release Measures****Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Methods for cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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**7. Handling and Storage****Handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage**

Keep container tightly closed in a dry and well-ventilated place

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**8. Exposure Controls / Personal Protection**

Contains no substances with occupational exposure limit values.

**Personal protective equipment****Respiratory protection**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection**

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Body protection**

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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**9. PHYSICAL AND CHEMICAL PROPERTIES:****Appearance**

Form	crystalline
Color	light brown

**Safety data**

Odor	no data available.
Odor Threshold	no data available
pH	no data available
Melting Point	119-120°C (246-248°F)-lit.
Boiling Point	no data available
Flash Point	no data available
Evaporation rate	no data available
Flammability	no data available
Ignition temperature	no data available
Lower explosive limit	no data available
Upper explosive limit	no data available
Vapor pressure	no data available
Vapor Density	no data available
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available

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Decomposition	no data available
Temperature	
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

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## 10. Stability and Reactivity

### Reactivity

No data available

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

No data available

### Conditions to avoid

No data available

### Incompatible materials

Strong oxidizing agents, strong bases.

### Hazardous decomposition products

Other decomposition products- no data available

In the event of fire: see section 5

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## 11. Toxicological Information

### Acute toxicity

no data available

Inhalation: no data available

Dermal: no data available

LD50 Intraperitoneal-rat- 4,500mg/kg

### Skin corrosion/irritation

Skin-guinea pig

Result: mild skin irritation-48Hr

### Serious eye damage/eye irritation

no data available

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**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

Carcinogenicity- mouse- oral

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or Respiration: Tumors. Liver: Tumors.

Carcinogenicity- mouse- subcutaneous

Tumorigenic: Neoplastic by RTECS criteria. Lungs, Thorax, or Respiration: Tumors. Blood: Tumors.

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure (Globally Harmonized System)**

no data available

**Specific target organ toxicity - repeated exposure (Globally Harmonized System)**

no data available

**Aspiration Hazard**

no data available

**Additional Information**

RTECS: SJ7700000

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

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## 12. Ecological Information

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/ not conducted

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## 13. Disposal Considerations

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product

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## 14. Transportation Information

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous good

**IATA**

Not dangerous goods

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## 15. Regulatory Information

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute health Hazards

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts right to know act.

**Pennsylvania Right To Know Components**

Monobenzene CAS-No.: 103-16-2

**New Jersey Right To Know Components**

Monobenzene CAS-No.: 103-16-2

**California Prop. 65 Components**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm

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**16. OTHER INFORMATION:****Further Information**

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