CONTACT : LEONID CHEMICALS
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Bangalore-560 022, INDIA
Ph: +91-80-2337 8354, Fax: +91-80-2357

P-BENZYLOXYPHENOL, 98%

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## SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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MSDS Name:
P-BENZYLOXYPHENOL, 98%

Catalog Numbers:16978-0000, 16978-0050, 16978-0500, 16978-1000, 16978-2500

Synonyms:
PBP, Hydroquinone monobenzyl ether

Company Information:
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## SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

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| | | |
|---|---|---|
| CAS # | : | 103-16-2 |
| Chemical Name | : | P-BENZYLOXYPHENOL |
| % | : | 98% \| |
| EINECS# | : | 203-083-3 |
| Hazard Symbols | : | XI |
| Risk Phrases | : | 36 43 |

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## SECTION 3- HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW
Irritating to eyes. May cause sensitization by skin contact.

Potential Health Effects

Eye:
Causes eye irritation.

Skin:
May cause skin irritation. May be harmful if absorbed through the skin. May cause sensitization by skin contact.



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Ingestion:

May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:
No information available.

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## SECTION 4 - FIRST AID MEASURES

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Eyes:
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:
Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:
Get medical aid. Wash mouth out with water.

Inhalation:
Remove from exposure and move to fresh air immediately.

Notes to Physician:
No information available.

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## SECTION 5- FIRE FIGHTING MEASURES

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General Information:
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:
In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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General Information:
Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:
Vacuum or sweep up material and place into a suitable disposal container.



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## SECTION 7 - HANDLING AND STORAGE

Handling:
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:
Store in a cool, dry place. Store in a tightly closed container.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:
Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment
Eyes:
Wear chemical goggles.
Skin:
Wear appropriate protective gloves and clothing to prevent skin exposure.
Clothing:
Wear appropriate protective clothing to minimize contact with skin.
Respirators:
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Physical State | : | Crystals |
| Color | : | Cream - beige |
| Odor | : | No information available. |
| PH | : | No information available. |
| Vapor Pressure | : | No information available. |
| Viscosity | : | No information available. |
| Boiling Point | : | No information available. |
| Freezing/Melting Point | : | 117.00 - 122.00 deg C |
| Autoignition Temperature | : | No information available. |
| Flash Point | : | No information available. |
| Explosion Limits, lower | : | No information available. |
| Explosion Limits, upper | : | No information available. |
| Decomposition Temperature | : | No information available. |
| Solubility in water | : | Partially soluble. |
| Specific Gravity/Density | : | No information available. |
| Molecular Formula | : | C13H12O2 |
| Molecular Weight | : | 200.24 |


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## SECTION 10 - STABILITY AND REACTIVITY

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Chemical Stability:
Stable under normal temperatures and pressures.

Conditions to Avoid:
Incompatible materials.

Incompatibilities with Other Materials:
Strong oxidizing agents, strong bases.

Hazardous Decomposition Products:
Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization:
Has not been reported.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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RTECS#:
CAS# 103-16-2: SJ7700000

LD50/LC50:
No information available.

Carcinogenicity:

P-BENZYLOXYPHENOL - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.

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## SECTION 12 - ECOLOGICAL INFORMATION

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No information available.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Dispose of in a manner consistent with federal, state, and local regulations.

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## SECTION 14 - TRANSPORT INFORMATION

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IATA
No information available.

IMO
No information available.

RID/ADR
No information available.



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## SECTION 15 - Regulatory Information

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European/International Regulations
European Labeling in Accordance with EC Directives

Hazard Symbols:
XI

Risk Phrases:
R 36 Irritating to eyes.
R 43 May cause sensitization by skin contact.

Safety Phrases:
S24/25 Avoid contact with skin and eyes.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37 Wear suitable gloves

WGK (Water Danger/Protection)
CAS# 103-16-2: No information available.

United Kingdom Occupational Exposure Limits
No information available.

United Kingdom Maximum Exposure Limits
No information available.

Canada
CAS# 103-16-2 is listed on Canada's NDSL List.
CAS# 103-16-2 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits
No information available.

US FEDERAL
TSCA
CAS# 103-16-2 is listed on the TSCA inventory.

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## SECTION 16 - ADDITIONAL INFORMATION

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The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.



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