

Safety (MSDS) data

CONTACT

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ORTHOPHENYLPHENOL

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GENERAL

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| CAS | 90-43-7 |
| EC No. | 201-993-5 |
| Molecular formula | C6H5C6H4OH; C12H10O |
| Synonyms | o-phenylphenol, o-hydroxydiphenyl; o-xenol; 2-hydroxybiphenyl, Nipacide OPP, biphenyl-2-ol, p-phenylphenol |
| Properties | Flakes, Nearly white or light-buff crystals |
| Packaging | 25Kg NET Multiply Paper bags on pallets, shrink wrapped |
| Use | Intermediate for dyes, germicides, fungicides, rubber chemicals, laboratory reagents, food packaging |

PHYSICAL DATA

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| Appearance | White solid, White Crystalline Flakes |
| Melting point | 56 – 58 °C |
| Boiling point | 152 – 154 °C at 15mm Hg |
| Vapour pressure | 15.2 mbar at 163 °C |
| Density (g cm³) | 1.293 |
| Flash point | 124 °C |
| Water solubility | 38 mg l ⁻¹ at 25 °C |

STABILITY

STABLE
COMBUSTIBLE.
Incompatible with strong oxidizing agents.

TOXICOLOGY

Severe eye irritant. Skin and respiratory irritant. Possible carcinogen.

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| Toxicity Data | ORL-RAT LD50 2700 mg kg ⁻¹ |
| Risk Phrases | R36 R37 R38 R50. |

ENVIRONMENTAL INFORMATION

Very toxic in the environment.

TRANSPORT INFORMATION

UN No 3077. IATA class 9.

PERSONAL PROTECTION

Safety glasses, good ventilation.

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| Safety phrases | S22 S61 |
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Disclaimer for Specifications