

2,4-Dichlorophenol

Chlorinated phenolic intermediate for controlled chemical synthesis and downstream manufacturing.

CAS 120-83-2	EC 204-429-6	Transport Class 6.1 · UN 2020 · PG III
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Product Information

2,4-Dichlorophenol is a substituted phenol used as an intermediate rather than a ready-to-use consumer product. The crystal grade specifies a minimum assay and limits selected chlorophenol isomers, phenol and moisture. These impurities are relevant when comparing feedstocks for downstream synthesis. It is toxic and corrosive, and requires controlled handling, ventilation and appropriate waste management. Intended reactions, market restrictions and the final product specification should be reviewed before selecting a supply grade.

Specifications

Parameter	Specification
Appearance	White crystals
Assay	≥99.3 %
2,6-Dichlorophenol	≤0.4 %
o-Chlorophenol	≤0.15 %
p-Chlorophenol	≤0.10 %
Phenol	≤0.10 %
Moisture	≤0.5 %

Typical Properties

Property	Typical Value
Molecular formula (component)	C6H4Cl2O
Molecular weight (component)	163.00 g/mol

Applications

Chemical intermediates: Use as a feedstock for validated downstream chemical synthesis.

Specialty synthesis: Assess the crystal grade for specialty reactions involving the phenolic functional group.

Industrial raw-material qualification: Qualify the grade by identity, assay, moisture and isomer profile.

Packaging / Storage

Item	Information
Packaging	250 kg drums; source loading information: 20 MT with pallets.
Storage	Store closed and secured in a cool, ventilated area, separate from strong oxidizers and incompatible chemicals.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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