

# [Cobalt(ii) chloride hexahydrate h12cl2coo6 structure](https://assignbuster.com/cobaltii-chloride-hexahydrate-h12cl2coo6-structure/)

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* Safety:

|  |  |
| --- | --- |
| Molecular Formula | H 12 Cl 2 CoO 6 |
| Average mass | 237. 931 Da |
| Density |  |
| Boiling Point |  |
| Flash Point |  |
| Molar Refractivity |  |
| Polarizability |  |
| Surface Tension |  |
| Molar Volume |  |

* Experimental data
* Predicted – ACD/Labs
* Predicted – ChemAxon
* Experimental Physico-chemical Properties

## Experimental Melting Point:

|  |
| --- |
| 87 °CAlfa Aesar |
| 87 °CAlfa Aesar10692, 11344, 36554 |

## Experimental Gravity:

|  |
| --- |
| 1. 924 g/mLAlfa Aesar10692, 11344, 36554 |

## Experimental Solubility:

|  |
| --- |
| Soluble in water, alcohol, acetone, ether, glycerolAlfa Aesar36554 |

* Miscellaneous

## Safety:

|  |
| --- |
| 49-60-22-42/43-68-50/53Alfa Aesar10692, 11344, 36554 |
| 53-45-60-61Alfa Aesar10692, 11344, 36554 |
| WARNING: Irritates lungs, eyes, skinAlfa Aesar10692, 11344, 36554 |
| WARNING: May cause irritation, skin or lung sensitization. Alfa Aesar10692, 11344, 36554 |

Predicted data is generated using the ACD/Labs Percepta Platform – PhysChem Module

No predicted properties have been calculated for this compound.

|  |  |
| --- | --- |
| Density: |  |
| Boiling Point: |  |
| Vapour Pressure: |  |
| Enthalpy of Vaporization: |  |
| Flash Point: |  |
| Index of Refraction: |  |
| Molar Refractivity: |  |
| #H bond acceptors: |  |
| #H bond donors: |  |
| #Freely Rotating Bonds: |  |
| #Rule of 5 Violations: |  |

|  |  |
| --- | --- |
| ACD/LogP: |  |
| ACD/LogD (pH 5. 5): |  |
| ACD/BCF (pH 5. 5): |  |
| ACD/KOC (pH 5. 5): |  |
| ACD/LogD (pH 7. 4): |  |
| ACD/BCF (pH 7. 4): |  |
| ACD/KOC (pH 7. 4): |  |
| Polar Surface Area: |  |
| Polarizability: |  |
| Surface Tension: |  |
| Molar Volume: |  |

Click to predict properties on the Chemicalize site