

# [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