

# [Copper fluoride cuf2 structure](https://assignbuster.com/copper-fluoride-cuf2-structure/)

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* Safety:

|  |  |
| --- | --- |
| Molecular Formula  | CuF 2  |
| Average mass  | 101. 543 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:

|  |
| --- |
| 950 °C (Decomposes)SynQuest  |
| 950 °C (Decomposes)Alfa Aesar  |
| 950 °C (Decomposes)Alfa Aesar11489  |
| 950 °C (Decomposes)SynQuest6871, M029-2-02  |
| 750 °COakwood[002841]  |

## Experimental Boiling Point:

|  |
| --- |
| 950 °CSynQuest6871, M029-2-02  |
| 950 °COakwood[002841]  |

## Experimental Gravity:

|  |
| --- |
| 4. 85 g/mLAlfa Aesar11489  |
| 20 g/mLSynQuestM029-2-02  |
| 4. 23 g/mLSynQuestM029-2-02  |
| 4. 23 g/mLOakwood[002841]  |
| 4. 23 g/mLFluorochem  |
| 4. 23 g/lFluorochem002841  |

## Experimental Solubility:

|  |
| --- |
| Solubility in water at 20 approx = 4. 7g/100mlAlfa Aesar11489  |

* Miscellaneous

## Safety:

|  |
| --- |
| 20-26-36/37/39-45-60Alfa Aesar11489  |
| 34Alfa Aesar11489  |
| Corrosive/Moisture Sensitive/Hygroscopic/Store under ArgonSynQuest6871, M029-2-02  |
| DANGER: POISON, causes GI injury, skin and eye irritation. Alfa Aesar11489  |
| DANGER: POISON, severe eye, skin and lung irritantAlfa Aesar11489  |

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