

# [Sodium formate chnao2 structure](https://assignbuster.com/sodium-formate-chnao2-structure/)

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* Safety:

|  |  |
| --- | --- |
| Molecular Formula  | CHNaO 2  |
| Average mass  | 68. 007 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:

|  |
| --- |
| 253 °CTCIS0807  |
| 259-262 °CAlfa Aesar  |
| 260 °COxford University Chemical Safety Data (No longer updated)More details  |
| 259-262 °CAlfa Aesar36424, A17813  |
| 259-262 °COakwood094820  |

## Experimental Gravity:

|  |
| --- |
| 1. 92 g/mLAlfa Aesar36424, A17813  |

## Experimental Solubility:

|  |
| --- |
| Soluble in water, glycerol. Slightly soluble in alcoholAlfa Aesar36424  |

* Predicted Physico-chemical Properties

## Predicted Melting Point:

|  |
| --- |
| 253 °CTCI  |
| 253 °CTCIS0807  |

* Miscellaneous

## Appearance:

|  |
| --- |
| white crystalsOxford University Chemical Safety Data (No longer updated)More details  |

## Stability:

|  |
| --- |
| Stable. Incompatible with strong oxidizing agents, strong acids. Protect from moisture. Oxford University Chemical Safety Data (No longer updated)More details  |

## Toxicity:

|  |
| --- |
| ORL-MUS LD50 11200 mg kg-1, IVN-RBT LD50 1250 mg kg-1Oxford University Chemical Safety Data (No longer updated)More details  |

## Safety:

|  |
| --- |
| CAUTION: May irritate eyes, skin, and respiratory tractAlfa AesarA17813, 36424  |
| Minimize exposure. Oxford University Chemical Safety Data (No longer updated)More details  |
| WARNING: Irritates lungs, eyes, skinAlfa Aesar36424  |
| WARNING: Irritates skin and eyesAlfa AesarA17813  |

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