

# [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| 260 °COxford University Chemical Safety Data (No longer updated)More details |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| white crystalsOxford University Chemical Safety Data (No longer updated)More details |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 Oxford University Chemical Safety Data (No longer updated)More details |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| ORL-MUS LD50 11200 mg kg-1, IVN-RBT LD50 1250 mg kg-1Oxford University Chemical Safety Data (No longer updated)More details |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 Oxford University Chemical Safety Data (No longer updated)More details |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