

Oxalic acid dihydrate $C_2H_2O_6$ structure



**ASSIGN
BUSTER**

\n[[toc title="Table of Contents"](#)]\n

\n \t

1. [Experimental Melting Point:](#) \n \t
2. [Experimental Gravity:](#) \n \t
3. [Experimental Solubility:](#) \n \t
4. [Appearance:](#) \n \t
5. [Stability:](#) \n \t
6. [Toxicity:](#) \n \t
7. [Safety:](#) \n

\n[/toc]\n \n

Contents

- Safety:

Molecular
Formula $C_2H_6O_6$

Average mass 126.065
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:**

101-105 °CAlfa

Aesar

104-106 °COxford

University Chemical

Safety Data (No

longer

updated)More

details

101-105 °CAlfa

AesarA13866,

33262

104-106

°CSynQuest78149,

2121-1-12

104-106

°COakwood094439

- **Experimental Gravity:**

1. 65 g/mLAlfa

AesarA13866,

33262

- **Experimental Solubility:**

Very soluble in

water. Moderately

soluble in ethanol.

Sparingly soluble in

etherAlfa

Aesar33262

- Miscellaneous

- **Appearance:**

white crystalsOxford

University Chemical

Safety Data (No

longer
updated)More
details

- **Stability:**

Stable. Incompatible
with bases, acid
chlorides, steel,
silver, silver
compounds,
moisture. Avoid
contact with metals.

Oxford University
Chemical Safety
Data (No longer
updated)More
details

- **Toxicity:**

ORL-RAT LD50 7500
mg kg-1, UNR-RAT
LD50 1400 mg kg-
1Oxford University
Chemical Safety
Data (No longer
updated)More

details

- **Safety:**

21/22Alfa

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24/25Alfa

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8Alfa Aesar33262,

A13866

DANGER:

CORROSIVE, burns

skin and eyesAlfa

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A13866

H302-H312Alfa

Aesar33262,

A13866

Harmful/

CorrosiveSynQuest2

121-1-12, 78149

P280-P301+P312-

P312-P363-P322-

P501aAlfa

Aesar33262,

A13866

R21/22, R34,

R41SynQuest2121-

1-12, 78149

S13, S22, S24/25,

S26, S36/37/39,

S45SynQuest2121-

1-12, 78149

Safety glasses,

gloves. Avoid

generation of dust.

Oxford University

Chemical Safety

Data (No longer

updated)More

details

WarningAlfa

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A13866

XnAbblis

ChemicalsAB100958

3

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