Lithium nitrate lino3 structure

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Contents

- Safety:

Molecular Formula	$LiNO_3$
Average mass	68. 946 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:

264 °CAlfa Aesar

264 °COxford

University Chemical

Safety Data (No longer

updated)More details

264 °CAlfa

Aesar10742, 10985,

13405, 44456

251

°CLabNetworkLN00198

682

- **Experimental Boiling Point:**

  600 °C

  (Decomposes)Alfa

  Aesar

  600 °C

  (Decomposes)Alfa

  Aesar10742, 10985,

  13405, 44456

- **Experimental Gravity:**

  2. 38 g/mLAlfa

  Aesar10742, 10985,

  13405, 44456

- **Experimental Solubility:**

  Soluble in water,

  alcohol, NH4OH, and

  pyridineAlfa

  Aesar13405

- Miscellaneous

  - **Appearance:**

    white crystalsOxford

University Chemical Safety Data (No longer updated)More details

- **Stability:**

  Stable. Incompatible with reducing agents, strong acids, organic materials, finely powdered metals. Oxidizer. Oxford University Chemical Safety Data (No longer updated)More details

- **Safety:**

  22-26-36/37/39Alfa Aesar10742, 10985, 13405, 44456

  8-36/37/38Alfa Aesar10742, 10985, 13405, 44456

  DANGER: OXIDIZER, causes GI injury, skin and eye irritationAlfa

Aesar10742, 10985,

13405, 44456

Safety glasses, gloves,

adequate ventilation.

Oxford University

Chemical Safety Data

(No longer

updated)More details

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