

Aluminium nitrate $\text{Al}(\text{NO}_3)_3$ structure



**ASSIGN
BUSTER**

Contents

- Safety:

Molecular
Formula AlN_3O_9

Average mass 212. 996
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:**

73.5 °C (Decomposes) Alfa Aesar

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- Miscellaneous

- **Safety:**

17-26-36/37-60 Alfa Aesar10626

8-22-36/38 Alfa Aesar10626

DANGER: OXIDIZER, causes GI injury, skin and eye irritation Alfa

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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