

Mercury(ii) iodide hgi2 structure



**ASSIGN
BUSTER**

Contents

- Safety:

Molecular

HgI₂

Formula

Average mass
454.399
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:**

259 °C Alfa

Aesar13625

,

259 °C Alfa

Aesar12289

, A16130

- **Experimental Boiling Point:**

350 °C

(Sublimes) Alfa

Alfa

Aesar13625

,

350 °C

(Sublimes) Alfa

Alfa

Aesar12289

, A16130

- **Experimental Gravity:**

6.28

g/mL Alfa

Aesar12289

, A16130

- **Experimental Solubility:**

Practically

insoluble in

water.

Soluble in

boiling

alcohol,

ether,

acetone,

ethyl

acetate,

carbon

disulfide,

alkali

iodidesAlfa

Aesar12289

- Miscellaneous

- **Safety:**

13-28-45-

60-61Alfa

AesarA1613

0, 12289

26/27/28-

33-

50/53Alfa

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0, 12289

6. 1Alfa

AesarA1613

0

DangerAlfa

AesarA1613

0

DANGER:

POISON,

causes CNS

injuryAlfa

AesarA1613

0, 12289,

13625

H300-H310-

H330-H373-

H400-

H410Alfa

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0

P260-

P301+P310-

P304+P340-

P320-P330-

P361-P405-

P501aAlfa

AesarA1613

0

Predicted data is generated using the ACD/Labs Percepta Platform -
PhysChem Module

Density:

Boiling Point:

Vapour Pressure:

Enthalpy of Vaporization:

Flash Point:

Index of Refraction:

Molar Refractivity:

#H bond acceptors:

0

#H bond donors: 0

#Freely Rotating Bonds: 0

#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: 0 Å²

Polarizability:

Surface Tension:

Molar Volume:

Click to predict properties on the Chemicalize site