

Calcium arsenate
(3:2) $\text{As}_2\text{Ca}_3\text{O}_8$
structure



**ASSIGN
BUSTER**

Contents

- Exposure Limits:

Molecular $\text{As}_2\text{Ca}_3\text{O}_8$

Formula 8

Average mass 398.072
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 Vapor Pressure:**

0 mmHg

(Approximate)NIOSHCG0830000

- **Experimental Gravity:**

3. 62 g/mLAlfa

Aesar39219

- Miscellaneous

- **Appearance:**

Colorless to white,

odorless solid.

[insecticide/herbicide]NIO

SHCG0830000

- **Safety:**

45-23/25-50/53Alfa

Aesar39219

53-45-60-61Alfa

Aesar39219

DANGER: CONTAINS

INORGANIC ARSENIC-

CANCER HAZARDAlfa

Aesar39219

DANGER: POISON, causes
skin and lung cancerAlfa
Aesar39219

- **First-Aid:**

Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory
support Swallow: Medical
attention
immediatelyNIOSHCG083
0000

- **Exposure Routes:**

inhalation, skin
absorption, ingestion, skin
and/or eye
contactNIOSHCG0830000

- **Symptoms:**

Lassitude (weakness,
exhaustion);
gastrointestinal
disturbance; peripheral
neuropathy; skin
hyperpigmentation,

palmar planter
hyperkeratoses;
dermatitis; [potential
occupational carcinogen];
in animals: liver
damage NIOSHCG0830000

- **Target Organs:**

Eyes, respiratory system,
liver, skin, central nervous
system, lymphatic system
Cancer Site [lymphatic &
lung
cancer] NIOSHCG0830000

- **Incompatibility:**

None reported [Note:
Produces toxic fumes of
arsenic when heated to
decomposition.] NIOSHCG
0830000

- **Personal Protection:**

Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When

contaminated/Daily

Remove: When wet or

contaminated Change:

Daily Provide: Eyewash,

Quick

drenchNIOSHCG0830000

- **Exposure Limits:**

NIOSH REL : Ca C 0. 002

mg/m³ [15-minute] See

Appendix A OSHA PEL :

[1910. 1018] TWA 0. 010

mg/m³NIOSHCG0830000

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