

More about Dev and Source

LAB Buddy

About

Search:

Benzene

CAS No:

71-43-2

Molecular Formula:

C6H6

Mol. Weight:

78.11 g/mol

Density:

0.879 g/mL @ 20°C

IUPAC Name:

benzene

SMILES:

C1=CC=CC=C1

Show hazards



Flammable

Irritant

Health Hazard

GHS Hazard Statements:

1. H225: Highly Flammable liquid and vapor [Danger Flammable liquids]
2. H304: May be fatal if swallowed and enters airways [Danger Aspiration hazard]
3. H315: Causes skin irritation [Warning Skin corrosion/irritation]
4. H319: Causes serious eye irritation [Warning Serious eye damage/eye irritation]
5. H340: May cause genetic defects [Danger Germ cell mutagenicity]

Save

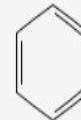
Open Log File ▾

MORE

Search Button

Shows the structure on Compound

“” = Copy to Clipboard



Shows the progress

Notes:

- ✓ Mol. Weight: 78.11 g/mol
- ✓ CAS: 71-43-2
- ✓ IUPAC Name found
- ✓ SMILES found
- ✓ Image loaded
- ✓ Found GHS section
- ✓ GHS: 3 pictogram(s)
- ✓ Hazards: 5
- ✓ Cached locally
- =====
- ✓ Ready to save!
- =====

LAB Buddy

Search:



Structure:



Step.1 : Find the top search box
and enter the
Name/IUPAC/SMILES/CAS No

CAS No:

Title:

Molecular Formula:

Mol. Weight:

Density:

IUPAC Name:

SMILES:

Primary Hazards (GHS Pictograms):

No hazard data

 Copy Image Copy Address

GHS Hazard Statements:

Notes:

✓ Cache loaded (integrity verified)

 Save Open Log File ▼ MORE

LAB Buddy

Search:

Benz

Benzene

BENZYL BENZOATE

Benzoyl benzoate

Benzoic acid, benzyl ester

Benzylcarbinyl benzoate

Benzamidomethyl benzoate

Benzyl 4-(bromomethyl)benzoate

Benzaldehyde, 2-benzoyl-

benzohydrobenzene-11-carboxamide

IUPAC Name:

Structure:

Step.2 : Click it start Search



No image

SMILES:

Primary Hazards (GHS Pictograms):

 Copy Image Copy Address

Notes:

✓ Cache loaded (integrity verified)

GHS Hazard Statements:

 Save Open Log File ▾ MORE

LAB Buddy

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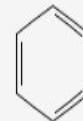
0.879 g/mL @ 20 °C

IUPAC Name:

benzene

SMILES:

C1=CC=CC=C1



Primary Hazards (GHS Pictograms):



Flammable



Irritant



Health Hazard

 Copy Image Copy Adress

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Step.3: Click the Open Log File

 Save Open Log File ▾ MORE

✓ Ready to save!

LAB Buddy

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Primary Hazards (GHS Pictograms):



Flammable



Irritant



Health Hazard

GHS Hazard Statements:

 Copy Image Copy Address

Step.4.B: Click on Load to select
The existing excel file to update or
store new Compound/s

Step.4.A: Click on Create New excel
for to store Compound in RMC format

Data sourced from PubChem (NIH).

Excel File

No file selected

 Load Existing Excel Create New Excel

✓ Cached locally
=====
✓ Ready to save!
=====

LAB Buddy

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71-43-2

Title:

Benzene

Molecular Formula:

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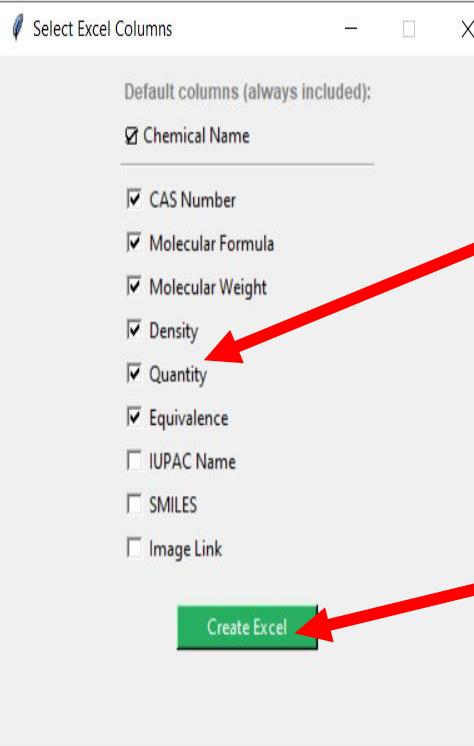
SMILES:

C1=CC=CC=C1

Primary Hazards (GHS P)

GHS Hazard Statements:

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5. H340: May cause genetic de



Step.4.A.2: Select the Coloumn as needed

Step.4.A.3: Once Coloumn have been selected click on “Create Excel” to generate excel

Save

Open Log File ▾

MORE

Data sourced from PubChem (NIH).

Excel File

No file selected

Load Existing Excel

Create New Excel

Cached locally
=====

Ready to save!
=====

LAB Buddy