

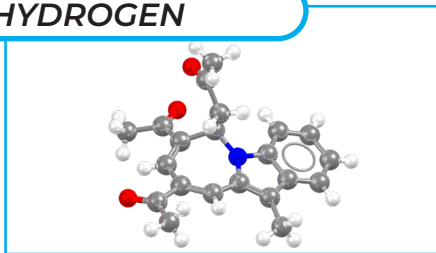


Fold and stick.

#IYPTCrystals

CSD Refcode: XOPCAJ

HYDROGEN



Element Frequency: **37,628,455**

Formula Weight: **335.4**

Space Group: **14**

Cell Volume: **1,805.96**

Publication Year: **2019**

*Hydrogen is the lightest element,
and a big source of energy*

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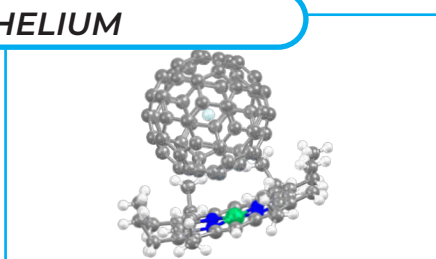


Cut

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CSD Refcode: YEMTUH

HELIUM



Element Frequency: **1**

Formula Weight: **1,907.55**

Space Group: **15**

Cell Volume: **8,795.31**

Publication Year: **2013**

*Helium is named after the Greek
god of the Sun*

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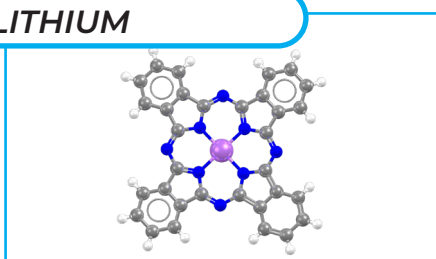


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CSD Refcode: DIXNIH03

LITHIUM



Element Frequency: **29,180**

Formula Weight: **519.46**

Space Group: **124**

Cell Volume: **1,232.16**

Publication Year: **2014**

*In the US, lithium could be found in
some soft drinks until the 1940s*

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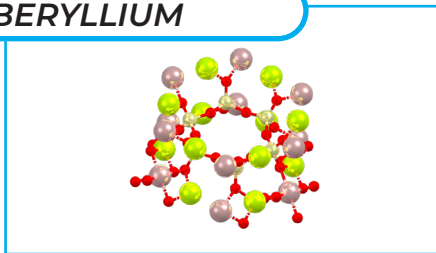


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ICSD Number: 31891

BERYLLIUM



Element Frequency: **1,212**

Formula Weight: **537.50**

Space Group: **192**

Cell Volume: **673.63**

Publication Year: **1926**

Beryllium uses vary from nuclear reactors to gemstones

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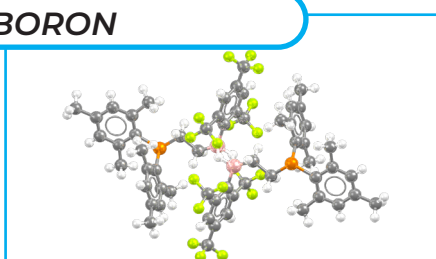


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CSD Refcode: DOBDOQ

BORON



Element Frequency: **223,990**

Formula Weight: **1,180.62**

Space Group: **2**

Cell Volume: **1,347.85**

Publication Year: **2019**

Boron is found in Borax, an ingredient of slime

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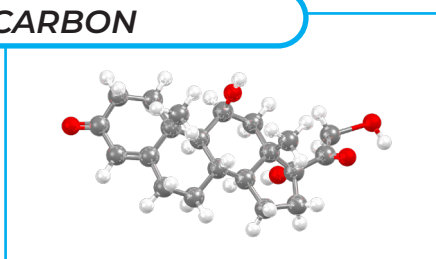


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CSD Refcode: CORTSL

CARBON



Element Frequency: **32,727,832**

Formula Weight: **362.46**

Space Group: **19**

Cell Volume: **1,901.66**

Publication Year: **1980**

Graphite and diamond are different crystals of carbon

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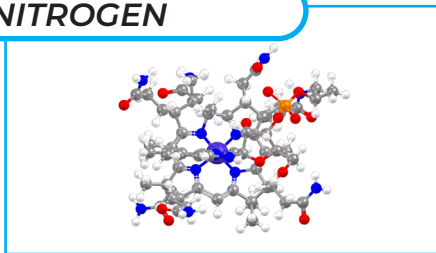


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CSD Refcode: VITAMB

NITROGEN



Element Frequency: **3,624,650**

Formula Weight: **1,373.37**

Space Group: **19**

Cell Volume: **9,000.62**

Publication Year: **1964**

Liquid nitrogen can be used in the ice-cream making process

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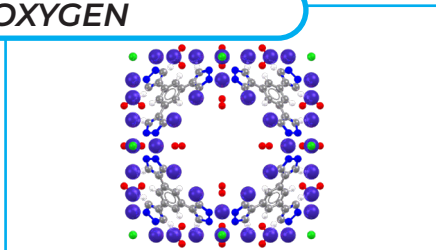


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CSD Refcode: AQOKUO

OXYGEN



Element Frequency: **6,317,688**

Formula Weight: **3,497.71**

Space Group: **221**

Cell Volume: **6,436.00**

Publication Year: **2016**

Ozone molecules are composed of three oxygen atoms

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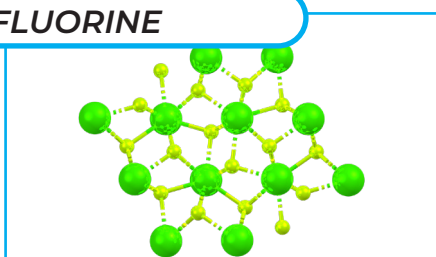


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ICSD Number: 51283

FLUORINE



Element Frequency: **1,124,235**

Formula Weight: **78.07**

Space Group: **62**

Cell Volume: **152.74**

Publication Year: **2001**

Fluorine is the most electronegative element

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