



671-2121 Vinegar Molecule

Vinegar is a naturally-occurring liquid that contains many chemicals. It is approximately 5% acetic acid in water. The molecular formula for water is H_2O . The structural formula for acetic acid is CH_3COOH .

Acetic acid /ə'si:tɪk/, systematically named ethanoic acid /εθə'noʊɪk/, is a colourless liquid organic compound with the chemical formula CH_3COOH (also written as CH_3CO_2H or $C_2H_4O_2$). When undiluted, it is sometimes called glacial acetic acid. Vinegar is roughly 3–9% acetic acid by volume, making acetic acid the main component of vinegar apart from water. Acetic acid has a distinctive sour taste and pungent smell. In addition to household vinegar, it is mainly produced as a precursor to polyvinyl acetate and cellulose acetate. Although it is classified as a weak acid, concentrated acetic acid is corrosive and can attack the skin.

To easily assemble your molecule, notice the holes on each particular atom. Press a connector firmly into this hole until it is flush with the surface of the atom. The connection should be firm but still easy to disassemble. Your molecule can be put together and taken apart as many times as you wish.

Warranty and Parts:

We replace all defective or missing parts free of charge. Additional replacement parts may be ordered toll-free. We accept MasterCard, Visa, checks and School P.O.s. All products warranted to be free from defect for 90 days. Does not apply to accident, misuse or normal wear and tear. Intended for children 13 years of age and up. This item is not a toy. It may contain small parts that can be choking hazards. Adult supervision is required.