

Common & IUPAC Names of Some Everyday Substances

<u>Common/Trivial Name</u>	<u>IUPAC Name</u>	<u>Chemical Formula</u>
Ethylene	Ethene	C_2H_4
Propylene	Propene	C_3H_6
Acetylene	Ethyne	C_2H_2
Ether	Ethoxy ethane	$C_2H_5OC_2H_5$
Antifreeze (Ethylene glycol)	Ethan-1,2-diol	$(OH)H_2C-CH_2(OH)$
Acetaldehyde	Ethanal	CH_3CHO
Formaldehyde	Methanal	$HCHO$
Formic Acid	Methanoic Acid	$HCOOH$
Acetic Acid (Vinegar)	Ethanoic Acid	CH_3COOH
Acetone	Propanone	CH_3COCH_3
Butyric Acid (Butyrum : butter)	Rancid Butter	CH_3COCH_3
Oxalic Acid	Ethanedioic Acid	$HOOC-COOH$
Malonic Acid	Propanedioic Acid	$HOOC-C-COOH$
Succinic Acid	Butanedioic Acid	$HOOC-C=C-COOH$
Glutanic Acid	Pentanedioic Acid	$HOOC-C-C-C-COOH$
Adipic Acid	Hexanedioic Acid	$HOOC-C-C-C-C-COOH$
Pimelic Acid	Heptanedioic Acid	$HOOC-C-C-C-C-C-COOH$
Natural Gas	Methane	CH_4
Maleic Acid	Cis-butanedioic Acid	-
Fumaric Acid	Trans-butanedioic Acid	-
Lactic Acid	2-hydroxy Propanoic Acid	-
Gasoline (Octane # 100)	2,2,4-Trimethylpentane	-
Chloroform	Trichloromethane	$CHCl_3$
Wood Alcohol Ethyl Alcohol	Ethanol	-
Laughing Gas	Nitrous Oxide Nitrogen (I) Oxide	N_2O
Activated Charcoal	Powdered Carbon (charcoal)	-