



CAS #	EINECS #	Formula
108-88-3	203-625-9	C ₇ H ₈

GENERAL DESCRIPTION

Toluene, also known as Methyl benzene, Methyl benzol, Phenyl methane, or Toluol is a substituted aromatic hydrocarbon with the formula C₇H₈. Toluene is a colorless, aromatic hydrocarbon, which is used as a solvent in the manufacture benzoic acid, benzaldehyde, explosives, dyes, and many other organic compounds; as a solvent for paints, lacquers, gums, resins; thinner for inks, perfumes, dyes; in the extraction of various principles from plants; and as gasoline additive.

TYPICAL PROPERTIES

Description	Result
Flash Point:	4.4 °C (40.0 °F)
Initial Boiling Point:	110.6 °C (231.08 °F)
Melting Point/Freezing Point:	-95.56 °C (-140 °F)
Partition Coefficient (n-octanol/water):	2.73
Dynamic Viscosity:	0.27 mPa.s (212 °F (100 °C))
Surface Tension:	28.93 mN/m (68 °F (20 °C))
Vapor Density (air=1):	3.1
Density:	0.87 g/ml
Specific Gravity (Water=1):	0.87
Pounds/Gallon:	7.256
Solubility (water):	0.7 g/l at 74°F

Note: Typical Properties are for reference purposes only. Actual results may vary.

AVAILABILITY

Available in 4 fl oz, Pint (16 fl oz), Quart (32 fl oz), Gallon (128 fl oz), 5 Gallon (640 fl oz), 55 Gallon Drum(7040 fl oz).

SHELF LIFE

Toluene shelf life is 1 year.

SHIPPING INFORMATION

Proper Shipping Name:	Toulene
UN Number:	UN1294
Class or Division:	3
Packing Group:	II
Label Required:	Flammable Liquid (3)

SAFETY INFORMATION

Hazard Statements	Highly flammable liquid and vapor May be fatal if swallowed and enters airways Causes skin irritation May cause respiratory irritation May cause drowsiness or dizziness May damage fertility or the unborn child May cause damage to organs through prolonged or repeated exposure
Precautionary Statements - Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames, hot surfaces. -No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilation, lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust, fume, gas, mist, vapors, spray. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves, respiratory protection, eye protection, protective clothing, and face protection. Wash contaminated clothing before reuse.
Precautionary Statements - Response	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. In case of fire: Use water fog, foam, carbon dioxide (CO ₂), or dry chemical powder.
Storage	Store tightly closed in a cool, well-ventilated place. Store locked up. Store away from sources of ignition.
Disposal	Dispose of contents/container to an approved waste disposal plant. Dispose of in accordance with local, regional, national, and international regulations.

Additional Information

This product is considered a hazardous material. Do not handle until all safety precautions have been read and understood. Read the product label & safety data sheet (SDS) for information on proper handling, health risks, firefighting methods, spill procedures, emergency contact information, precautionary information, disposal information & more. Safety data sheets are available at www.casewayproducts.com or by emailing support@casewayproducts.com

FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

Before using, the user must make their own independent determination that the product is suitable for the intended use and can be used safely and legally.

* The information, suggestions, technical data, and advice provided on this sheet are based on test results, knowledge, and experience believed to be accurate and reliable. However, all information, suggestions, technical data, and advice are not to be considered a warranty and Caseway Industrial Products, Inc. assumes no liability for any direct, indirect punitive, incidental, special consequential damages, to property or life.