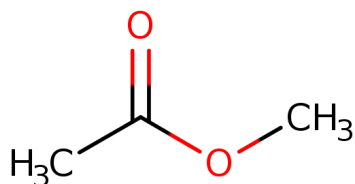




# TECHNICAL DATA SHEET

## Methyl Acetate



CAS #	EINECS #	Formula
79-20-9	201-185-2	C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>

### GENERAL DESCRIPTION

Methyl acetate, also known as MeOAc, acetic acid methyl ester or methyl ethanoate, is a carboxylate ester with the formula CH<sub>3</sub>COOCH<sub>3</sub>. Methyl Acetate is a colorless, volatile liquid, which is used as a solvent for nitrocellulose, acetylcellulose; in many resins and oils and in the manufacture of artificial leather. It is also used in adhesives, cleaning products, paint remover compounds, lacquer solvent, intermediate, and synthetic flavoring.

### SPECIFICATIONS

Test Description	Lower Limit	Upper Limit
Acidity as Acetic Acid, %		0.05
Water, %		0.05
Purity, %	99.5	
Color, APHA		10.0

Note: Actual results derived from Manufacturer's certificate of analysis

### TYPICAL PROPERTIES

Description	Result
Flash Point:	-10.0°C (14°F) (TCC)
Boiling Range (IBP, 50%, Dry Point):	56 56 56 °C / 133 134 136 °F
Evaporation Rate (n-Butyl Acetate=1):	4.1
Lower Flammability Limit In Air (% by vol):	3.0
Upper Flammability Limit In Air (% by Vol):	16.0
Vapor Pressure (mm of Hg) @ 20°C:	200.0
Vapor Density (air=1):	2.6
Density:	0.932
Specific Gravity (Water=1):	0.933
Pounds/Gallon:	7.772
Auto-Ignition Temperature:	501 °C (935 °F)

Note: Typical Properties are for reference purposes only. Results may vary depending on batch and .

### 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

Methyl Acetate shelf life is 1 year.

**SHIPPING INFORMATION**

Proper Shipping Name: Methyl Acetate

UN Number: UN1231

Class or Division: 3

Packing Group: II

Label Required: Flammable Liquid (3)

**SAFETY INFORMATION**

Hazard Statements	Highly flammable liquid and vapor Causes serious eye irritation May cause respiratory irritation May cause drowsiness or dizziness
Precautionary Statements - Prevention	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. Avoid breathing dust, fume, gas, mist, vapors, spray. Wash face, hands, and any exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, respiratory protection, eye protection, protective clothing, and face protection.
Precautionary Statements - Response	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Call a POISON CENTER/doctor if you feel unwell. In case of fire: Use dry powder, carbon dioxide, alcohol-resistant foam, or vaporizing liquids.
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](http://www.casewayproducts.com) or by emailing [support@casewayproducts.com](mailto:support@casewayproducts.com)

**FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN**

\* 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.