

Description

The 9620 *Ethyl Acetate* is a fast evaporating, low-boiling point solvent that is fairly inert. The solvent is a is commonly used in adhesives and nail polish removers.

Benefits and Features

- **Fast evaporation rate**
- **Highly miscible with other common organic solvents**

ATTENTION!
INDUSTRIAL OR LABORATORY USE ONLY
NOT FOR RETAIL SALE

Principal Components

Name	CAS Number
Ethyl acetate	141-78-6

Storage Parameters

<i>Properties</i>	<i>Value</i>
Shelf Life @22 °C [72 °F]	5 y
Storage Temperature ^{a)}	-20 to 40 °C [32 to 104 °F]

a) Storage below zero is not necessary. Cool, dry, and well ventilated area is recommended.

Properties

<i>Physical Property</i>	<i>Method</i>	<i>Value</i>
Color	Tag Closed Cup	Clear, slight yellow
Odor		Ester, sweet
Density @25 °C [77 °F]		0.902 g/mL
Viscosity @20 °C [68 °F]		0.45 mm ² /s
Flash Point		-4 °C [25 °F]
Freezing Point		-94 °C [-137 °F]
Boiling Point		78 °C [173 °F]
Vapor Pressure @20 °C [68 °F]		132 hPa [99 mmHg]
Relative Evaporation Rate		4.1 (ButAc = 1)
Volatile Organic Compound (VOC)		100% [902 g/mL]
MIR value	0.63	

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<i>Solubility Parameters</i>		<i>Value</i>
Solubility in water @20 °C [68 °F]		8% (w/w) = Slightly soluble
Hansen Solubility Parameters ^{a)} (cal/cm ³) ^{1/2} ; [MPa] ^{1/2}	Total	8.8 [18.0]
	<i>Non-Polar</i>	7.7 [15.8]
	<i>Polar</i>	2.6 [5.3]
	<i>Hydrogen Bonding</i>	3.5 [7.2]

a) Hansen parameters calculate using component literature values and volume fraction composition.

Compatibility

Substrate Compatibility: The 9620 is compatible with most substrate materials found on printed circuit assemblies.

Solvent Miscibility: The 9620 is highly miscible with other common organic solvent. It can be mixed with

- Alcohols
- Aldehydes
- Aromatic and Aliphatic Hydrocarbons
- Ethers
- Glycols
- Glycol Ethers
- Ketones

Health, Safety, and Environmental Awareness

Please see the 9620 **Safety Data Sheet** (SDS) for more details on transportation, storage, handling and other security guidelines.

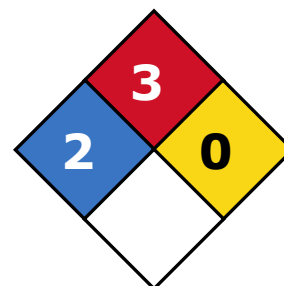
Environmental Impact: The 9620 has volatile organic content of 100% [902 g/L]. It is RoHS compliant.

Health and Safety: This liquid is highly flammable and should be kept away from flames and other ignition sources. Avoid breathing in fumes or direct contact with the material.

HMIS® RATING

HEALTH:	* 2
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA® 704 CODES



Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>	
9620-945ML	Can	945 mL	31.9 fl oz	852 g	1.87 lb
9620-3.78L	Can	3.78 L	1 gal	3.4 kg	7.51 lb

Contact MG Chemicals if custom packaging or sizes are required

Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

Email: support@mgchemicals.com

Phone: +(1) 800-340-0772 (Canada, Mexico & USA)

+ (1) 905-331-1396 (International)

Fax: +(1) 905-331-2862 or +(1) 800-340-0773

Mailing address: **Manufacturing & Support**
1210 Corporate Drive
Burlington, Ontario, Canada
L7L 5R6

Head Office
9347-193rd Street
Surrey, British Columbia, Canada
V4N 4E7

Warranty

M.G. Chemicals Ltd. warrants this product for 12 months from the date of purchase by the end user. *M.G. Chemicals Ltd.* makes no claims as to shelf life of this product for the warranty. The liability of *M.G. Chemicals Ltd.* whether based on its warranty, contracts, or otherwise shall in no case include incidental or consequential damage.

Disclaimer

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