

Description

The 9660 *n-Butyl Acetate* is a moderately fast drying solvent and is compatible with film forming paint products with acrylic, alkyd, cellulose acetate butyrate, epoxy, nitrocellulose, or polyester resins.

Benefits and Features

- **Moderate evaporation rate**
- **Alternative solvent for “hazardous air pollutants”**
- **Highly miscible with other common organic solvents**

ATTENTION!
INDUSTRIAL OR LABORATORY USE ONLY
NOT FOR RETAIL SALE

Principal Components

Name	CAS Number
n-butyl acetate	123-86-4

Storage Parameters

Properties	Value
Shelf Life @22 °C [72 °F] Storage Temperature ^{a)}	5 y -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 Properties</i>	<i>Method</i>	<i>Value</i>
Color Odor Density @25 °C [77 °F] Viscosity @25 °C [77 °F] Flash Point Boiling Point Vapor Pressure @25 °C [77 °F] Relative Evaporation Rate Volatile Organic Compound (VOC) MIR value	Tag Closed Cup	Clear Sweet, ester-like 0.887 g/mL <20.5 mm ² /s 27 °C [81 °F] 125 °C [257 °F] 1.33 kPa [10 mmHg] 1.0 (ButAc = 1) 100% [887 g/mL] 0.78
<i>Solubility Parameters</i>		<i>Value</i>
Solubility in water (%wt) Solubility for water (%wt) Hansen Solubility Parameters ^{a)} (cal/cm ³) ^{1/2} ; [MPa] ^{1/2}	Total Non-Polar Polar Hydrogen Bonding	0.7% 1.6% 17.4 [8.5] 15.8 [7.7] 3.7 [1.8] 6.3 [3.1]

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

Compatibility

Substrate Compatibility: The 9660 *n-Butyl Acetate* is compatible with most substrate materials found on printed circuit assemblies.

Solvent Miscibility: The 9660 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 9660 **Safety Data Sheet** (SDS) for more details on transportation, storage, handling and other security guidelines.

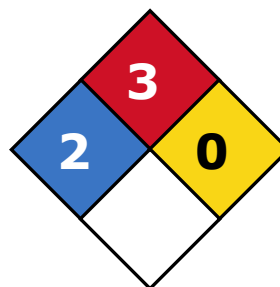
Environmental Impact: The 9660 has volatile organic content of 100% [887 g/L]. It is RoHS compliant.

Health and Safety: This liquid is 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)

Thinning Instructions

Make necessary adjustments according to your paint and spray gun equipment usage instructions. A 1.0 (paint):1.0 (thinner) dilution is a common starting point. If sagging is observed, reduce the thinner ratio.

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>	
9660-1L	Can	945 mL	31.9 fl oz	838 g	1.84 lb
9660-4L	Can	3.78 L	1 gal	3.35 kg	7.39 lb

Contact MG Chemicals if custom packaging or sizes are required



ISO 9001 Registered Quality System.
Burlington, Ontario, Canada QMI File # 004008

n-Butyl Acetate 9660 Technical Data Sheet

9660

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.

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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

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. *M.G. Chemicals Ltd.* does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.