

# Michem® Lube 160PF

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**BRAND FAMILY OVERVIEW** Michem® Lube is a versatile family of nanoscale wax emulsions, mostly carnauba and paraffin-based, used to improve processing and performance in many industries, as well as provide a wide array of surface properties.

**USAGE** This APEO-free additive imparts slip, abrasion resistance and anti-block properties in a variety of coatings and varnishes.

**DESCRIPTION** Anionic carnauba wax emulsion

**PERFORMANCE ATTRIBUTES** This product is used in many applications including the following:

Market	Properties Imparted
Furniture Polish	<i>buffability, mar resistance</i>
Gloves	<i>block resistance, donnability</i>
Inks	<i>block resistance, chemical resistance, mar resistance, release, rub resistance</i>
Interior Furniture & Floor	<i>block resistance, lubricity, mar resistance, release</i>

**PHYSICAL PROPERTIES** The following properties are typical but should not be considered specifications:

Appearance:	Cream colored, opaque liquid
Freeze/Thaw Stability:	Stable after 5 Cycles
Non-Volatile (%) :	24.5 - 25.5
Specific Gravity:	0.99 - 1.01
pH:	4.5 - 7.0
Recommended pH of your system:	1.0 - 12.0
Brookfield Viscosity (cps) :	< 15
Spindle Number:	1
RPM:	60
Shelf Life (months) :	The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed.

**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (ML160PF), Singapore (ML160PF.S)

**STORAGE** Keep container tightly closed. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

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**HANDLING** Handle in accordance with good industrial hygiene and safety practice.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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