



## Product Information Flyer

### DESCRIPTION

CIMFREE VG-703ES is a vegetable-based metalworking oil.

### APPLICATION

CIMFREE VG-703ES is designed for use in misting applications or other Minimal Quantity Lubrication (MQL) applications where minimal/ low flow volumes are required. It is recommended for machining operations on most ferrous and aluminum operations such as milling, drilling, turning, and sawing.

### FEATURES & BENEFITS

#### APPLICATION:

Suitable for use in all type of mist / minimal quantity lubricator application devices.

#### ENVIRONMENTALLY FRIENDLY:

Product formula is derived from natural, renewable resources and does not contain mineral oil.

#### ECONOMICAL:

Minimal Quantity Lubricators applying fluid directly to parts minimize quantities of fluid used. Eliminates recharge and disposal costs associated with recirculating systems.

#### CLEANLINESS:

Finished parts and chips come away almost dry. No need for the fluid to be collected and re-circulated or recycled. Low mist, low odor, low residue keeps work area clean. Parts are easily cleaned with a mild alkaline cleaner.

#### LUBRICITY:

Low cutting force – Contains a non-chlorinated, non-sulfurized lubricity agent. These additives provide long tool life and quality part finish.

**RECOMMENDED STARTING DILUTIONS**

CIMFREE VG-703ES is used neat (100%). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® Territory Manager.

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Solubility in water:** 100% miscible

**Viscosity (SUS) @ 100°F (38°C):** 50

**pH Concentrate:** NA

**Total Chlorine/Chloride, wt%:** 0.0/<50ppm

**Silicones:** No

**Appearance and Odor:** Clear /Chemical

**Weight, lb/gal, 60°F (15.6°C):** 7.5

**Flash Point /Sp.Gr./Boiling Point:** SEE MSDS

**pH Mix 5%, Typical Operating:** NA

**Total Sulfur, wt%:** 0

**HANDLING and STORAGE**

If frozen, thaw completely at room temperature. Inside storage is recommended.

**SAFETY DATA SHEET**

Available at [www.cimcool.ca](http://www.cimcool.ca)

For additional information refer to its WHMIS MSDS, website or contact CIMCOOL® Technical Services at 1-513-458-8199 in Ohio or 1-888-254-1919 in Canada.

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