



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® District Manager.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: Insoluble

Viscosity (SUS) @ 100°F: 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.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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