



## Application

## Features and Benefits

## Typical Physical and Chemical Properties

# CIMFREE® VG-S110P

*Vegetable/Mineral - based Metalworking Oil*

**CIMFREE® VG-S110P** is a unique blend of vegetable and mineral oils used for machining and grinding of ferrous and non-ferrous metals. Suitable for manufacturing medical parts.

**CIMFREE® VG-S110P** is chlorine free, has excellent thermal and oxidative stability and is low foaming in high pressure applications.

**Environmentally Friendly** - partially formulated using natural, renewable resources.

Physical State .....	Liquid
Appearance and odor .....	Clear / Chemical
Colors available .....	Undyed
Solubility in water .....	Insoluble
Viscosity, S.U.S @ 100 F: .....	110
Weight, lb/gal, 60°F (15.6°C) .....	7.4
Specific gravity, (H <sub>2</sub> O = 1) .....	0.89
Flash point, COC, °F (°C) .....	410 (210)
Fire point, COC, °F (°C) .....	440 (227)
Freezing point (or pour point), °F (°C) .....	0 (-18)

If frozen, thaw completely at room temperature.

Total chlorine, wt%, calculated .....	0.00
Total sulfur, wt%, calculated .....	0.60
Total phosphorous, wt%, calculated .....	0.00
Silicones.....	None

Available in 55-gallon drums, bulk containers and in tank truck quantities.

For additional information concerning **CIMFREE® VG-S110P** refer to its OSHA MSDS or contact CIMCOOL Technical Services at 1-513-458-8199. For Reprints / Updates visit [www.cimcool.com](http://www.cimcool.com) or contact your Milacron Representative.

Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.  
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