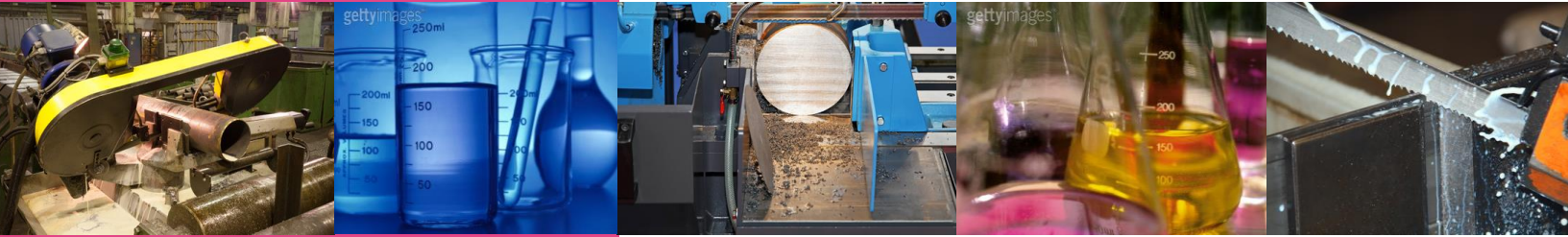


CIMFREE[®] SAW PLUS

BAND SAW FLUID
(formerly MILCOOL[®] SAW PLUS)



Product Information Flyer

DESCRIPTION

CIMFREE SAW PLUS is a vegetable based cutting fluid recommended for use in all band saw type applications.

APPLICATION

CIMFREE SAW PLUS was developed for use on all ferrous and non-ferrous materials, including some yellow metals. It can also be used on some light to moderate duty machining and grinding applications. It should not be used on magnesium alloys

FEATURES & BENEFITS

ENVIRONMENTALLY FRIENDLY:

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

LUBRICITY:

Excellent lubricity package, which extends blade life and reduces machine wear

FREE OF CHLORINE, SULPHUR, MINERAL OIL AND TRIAZINE

RECOMMENDED STARTING DILUTIONS

CIMFREE SAW PLUS is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55°F (13°C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® Territory Manager.

Sawing	5% - 10%	(1:20 to 1:10)
Machining	5% - 10%	(1:20 to 1:10)

CONCENTRATION

A Non-solvent Titration, Total Alkalinity, or Refractometer can be used.

The Refractometer Factor is 1.9

Multiply the scale reading obtained on your CIMCOOL® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration of a fresh charge.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: 100% miscible

Viscosity (SUS) @ 100°F (38°C): 85

pH Concentrate: 10.0

Total Chlorine/Chloride, wt%: 0%/100ppm

Silicones: No

Appearance and Odour: Hazy/Chemical

Weight, lb/gal, 60°F (15.6°C): 8.5

Flash Point /Sp.Gr./Boiling Point: SEE SDS

pH Mix 5%, Typical Operating: 8.9

Total Sulfur, wt%: 0.0

HANDLING and STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly before use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.ca

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

Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.