



Product Information Flyer

DESCRIPTION

CIMPERIAL 20-9SX is a premium soluble oil metalworking fluid.

APPLICATION

CIMPERIAL 20-9SX was developed for use on carbon steels, high speed steel, cast steels, alloy steels, tool steel, stainless steel, cast iron, most aluminum alloys and copper. It is not recommended for alloyed magnesium.

For use in heavy duty machining and grinding operations. Can be used in individual machines or central systems.

FEATURES & BENEFITS

VERSATILE PRODUCT:

Contains a unique blend of sulfurized and chlorinated Extreme Pressure (EP) lubricant additives to perform a variety of machining and grinding applications.

STABILITY:

Makes a very stable mix and can be used in applications where hard water build-up is a problem.

MICROBIAL CONTROL:

Microbial control package extends fluid life for long-lasting, trouble free performance.

WASTE TREATABLE:

Is compatible with most conventional waste treatment methods.

LOW FOAMING:

Excellent foam control.

RECOMMENDED STARTING DILUTIONS:

CIMPERIAL 20-9SX is to be mixed with water for use. Always add concentrate to water. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

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

CONCENTRATION

Non-solvent Titration, Total Alkalinity, CIMCHEK™ Test Strip or Refractometer can be used.

The Refractometer Factor is 1.0

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.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid

Solubility in water: 100% miscible

Viscosity (SUS) @ 100°F: 1044

pH Concentrate: NA

Total Chlorine/Chloride, wt%: 8.0/<50ppm

Silicones: Yes

Appearance and Odor: Clear/Chemical

Weight, lb/gal, 60°F (15.6 °C): 8.5

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

pH Mix 5%, Typical Operating: 8.7

Total Sulfur, wt%: 3.2

HANDLING and STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly. 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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