

# FluidFlex Coolant

## General Purpose Cutting Fluid

### General

FluidFlex Coolant is a semi-synthetic, heavy duty, non-foaming heat transfer fluid and cutting fluid for use in FluidFlex pressurized dispensing systems for general shopwide chipmaking and grinding operations. Fluid is multi-metal safe with special passivates to allow use on both ferrous metals. It contains chlorine-free and sulphur-free EP (extreme pressure) additives to facilitate the machining of difficult alloys. It also has the lubricity needed to cut aluminum without galling on tooling.

This highly concentrated formulation contains inhibitors for effective rust control, even at the recommended dilution of 50-80 parts water to 1 part concentrate.



**ATTENTION**

*This non-flammable fluid is considered non-hazardous in normal use and does not contain nitrites, phenols, PCBs, mercurials, sulphur or chlorine. It does contain a unique synthetic ingredient to protect against dermatitis. OSHA 20 sheet is available upon request.*

### Technical Data

Specific Gravity 60/60°F	1.025
lbs/gallons	8.55
pH, 2% Dilution	9.3
Color	Yellow (translucent)

### Recommended Dilutions with Water

Cutting	50:1
Grinding	70-80:1

*Note: FluidFlex uses diluted coolant at the rate of 2-3 oz per hour, per jet or approximately 1 gallon per 40 hour week*

### Maintenance

FluidFlex is stable through freezing/thaw cycles, but it is recommended that it be kept from freezing.

### How to Order

Name	Size	Part #
FluidFlex Coolant	1 gallon*	SM-81
	5 gallon pail	SM-82
	55 gallon drum	SM-83

\* Comes 6 per case

When ordering, specify by name, size and part number, e.g. FluidFlex Coolant, 5 gallon pail, Part #SM-82.

**BIJUR DELIMON INTERNATIONAL**

(919) 465 4448 LOCAL  
(800) 631 0168 TOLL-FREE  
(919) 465 0516 FAX

[WWW.BIJURDELIMON.COM](http://WWW.BIJURDELIMON.COM)

2100 Gateway Centre Blvd., Suite 109  
Morrisville, NC 27560