



## FLUIDCUT SP

### DESCRIPTION

Fluidcut SP is a multi purpose water emulsifiable cutting and grinding fluid, which has been formulated to be free of Triazene containing biocide. Suitable for machining a wide variety of easy to medium machinability materials including: cast iron, mild steels, stainless steels and other steel alloys.

### APPLICATIONS

Turning, milling, drilling, threading, sawing. General purpose surface, cylindrical and centreless grinding.

### COMPATIBILITY

Suitable for a wide variety of water qualities

With hardness values typically between 50 and 450 ppm

Fluidcut SP has a very low foaming tendency.

### TYPICAL DATA

#### Concentrate

|                       |              |
|-----------------------|--------------|
| Appearance            | Amber Liquid |
| Specific Gravity      | 0.97         |
| Mineral Oil Content % | 70           |

#### Emulsion

|                                |              |
|--------------------------------|--------------|
| Appearance                     | White        |
| pH at 3%                       | 9.3          |
| IP 287 Corrosion Test %        | 2.0          |
| De foam ml(3% in 50ppm water ) | Nil(15 secs) |
| Refractometer: Factor          | 1.0          |

### STORAGE

The product should be stored under cover and protected from extreme temperatures (above 0°C and below 40°C). Avoid water collecting in the rim of upturned barrels.

### SHELF LIFE

Fluidcut SP has a shelf life of six months from the date of supply.

### MIXING.

F.T.G. advise the use of automated mixing systems. If the fluid is to be mixed manually, always add the concentrate to the water with maximum agitation. The emulsion strength should always be checked using a calibrated refractometer.