

# CIMPERIAL<sup>®</sup> 810FF

Formaldehyde releasing biocide free

cutting and grinding fluid for general purpose applications



## Description

Cimperial 810FF is a brown, water miscible, emulsion type cutting fluid concentrate free from formaldehyde releasing biocides.

## Application

Cimperial 810FF is a cutting fluid developed for machining and grinding of most ferrous and non-ferrous alloys. It is suitable for use in individual machines and large machine systems.

## Features and benefits

- Excellent on medium and heavy duty applications.
- Excellent price performance ratio.
- Provides a quality finish when working with aluminium & aluminium alloys.
- Good foam control.
- Will not smoke or burn.

## Methods of application

Cimperial 810FF is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool® Mix Master or Cimcool Mix Master S is recommended. Typical starting water temperature conditions should be 5 - 25°C.

## Recommended starting concentration

	Aluminium and copper alloys	Steel alloys and stainless steel
Grinding	5.0%	5.0%
Standard machining	6.0%	8.0%
Heavy duty machining	8.0%	10%

Mix Master S: Concentration\*\* can easily be obtained by setting the regulator to the correct number.

\*\* The concentration may vary depending on local conditions. It is therefore always advised to check using the refractometer.

## Concentration analysis

For concentration analysis, use the below given method or an appropriate laboratory procedure available from your local stockist.

Refractometer factor: 0.9

If the refractometer is used, the resultant reading multiplied by a factor of 0.9 will only be relevant when applied to a fresh mix.

## Handling and storage

Protect from freezing, direct sun and store between 5 - 35°C.

## Packaging type

5, 25, 200 and 1000 litre.

## Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environment when handling this product.



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