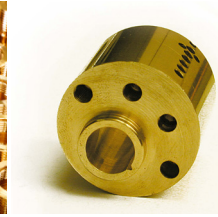


CIMPERIAL® 31-792

Formaldehyde releasing biocide free
cutting fluid for yellow metal applications



PRODUCT INFORMATION FLYER

Description

Cimperial 31-792 is a boron and formaldehyde releasing biocide free, water miscible, emulsion type cutting fluid concentrate.

Application

Cimperial 31-792 is a cutting fluid developed for machining a wide range of yellow metals like brass, copper and bronze. It is suitable for use in individual machines as well as central systems.

In addition Cimperial 31-792 can be used on various steels and aluminum alloys as well, making the product also suitable for manufacturers working predominantly with yellow metals but who also use other materials.

Cimperial 31-792 is especially developed for use in soft to medium water (5 to 15°dH in starting water).

Features and benefits

- Cimperial 31-792 contains an effective combination of yellow metal inhibitors preventing problems like staining, copper dissolving and copper soap formation
- Good foam control
- Boron and formaldehyde releasing biocide free
- Cimperial 31-792 is a mild and clean product that maintains machine cleanliness.

Methods of application

Cimperial 31-792 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

	All materials
Standard machining	6 - 8 %

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:	1.2
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If the refractometer is used, the resultant reading multiplied by a factor of 1.2 will only be relevant when applied to a fresh mix.

Cimcool TA kit	Use 2 ml. mix								*: next syringe	
%	1	2	3	4	5	6	7	8	9	10
Reading	0.93	0.89	0.85	0.81	0.77	0.73	0.69	0.65	0.61	0.57

Handling and storage

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

Packaging type

5, 20, 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.



Cimcool Industrial Products
Schiedamsedijk 20
3134 KK Vlaardingen
The Netherlands
Tel: (0)10-4600660
cimcool.eu@duboischemicals.com
www.cimcool.com

