

CIMSTAR® MB403FF

Cutting and grinding fluid for medium duty applications
without formaldehyde releasing biocides



Description

Cimstar MB403FF is a water miscible, semi-synthetic cutting fluid concentrate. Cimstar MB403FF is free from formaldehyde releasing biocides.

Application

Cimstar MB403FF is a general-purpose cutting and grinding fluid for use in single machines and central systems on all ferrous and most non-ferrous metals.

Features and benefits

- Free from Formaldehyde Releasing Agents (FRA).
- Long fluid life due to the special product composition, ideal for central systems.
- Effective lubrication and cooling action.
- No increased disposal costs chlorine free.
- Provides long term rust control.
- Clean, pleasant to use low misting, good foam control.
- Can be used in water up to 10 - 20° dH.

Methods of application

Cimstar MB403FF is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool Mix Master S is recommended. Typical starting water temperature conditions should be 5 - 25°.

Recommended starting concentration

Grinding	4 - 6 %
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:	3.3
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If the refractometer is used, the resultant reading multiplied by a factor of 3.3 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	0.85	0.71	0.58	0.44	0.30	0.17	0.03	*.89	*.76	*.62

Handling and storage

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

Packaging type

200 and 1.000 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

