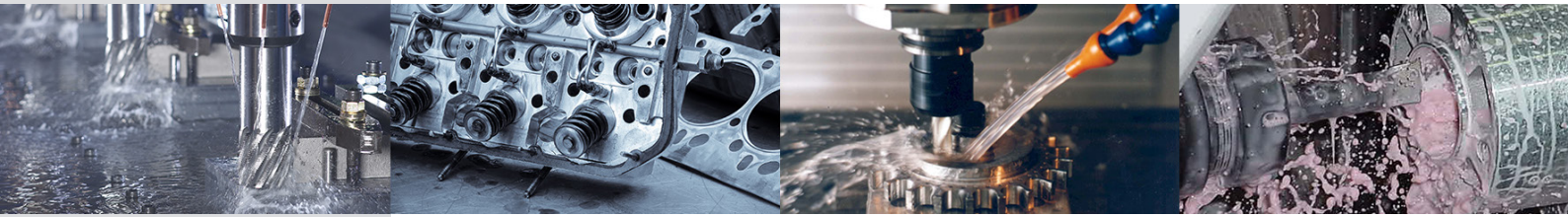


Boron and formaldehyde releasing agent free product
for heavy duty applications equipped with
CimShield Technology



PRODUCT INFORMATION FLYER

Description

Cimpulse MP35-8101 is an excellent all-round emulsion suitable for many heavy-duty machining operations including grinding. The Cimpulse MP35-8101 is equipped with Cimcool's unique CimShield Technology. This innovative technology will secure the product stability, the pH buffering of the mix and gives excellent corrosion protection.

Application

Cimpulse MP35-8101 can be used without problems for a great number of metals ranging from aluminium to steel and stainless steel. Cimpulse MP35-8101 is especially developed for use in medium to harder water (4 - 12° dH in starting water).

Features and benefits

CimShield Technology - Based on a unique formulation and contains a special blend of new innovative materials. These materials work in synergy providing product stability, pH buffering and corrosion protection. The results equal traditional products which contained boron and formaldehyde releasing agents. The CimShield Technology not only protects the product from outside influences but also shields the product from evaporation, resulting in low top up rates and thus reducing overall consumption.

- Cimpulse MP35-8101 is an excellent all-round heavy duty emulsion and absolutely hassle-free fluid. It provides a high quality finish and excellent stability. This stability ensures a long fluid life, which makes Cimpulse MP35-8101 a very cost-effective product.
- Cimpulse MP35-8101 is a mild clean product and maintains machine cleanliness.
- Cimpulse MP35-8101 notably improves production. Effective lubricants reduce the amount of heat generated in the cutting zone permitting higher speeds and feeds, thereby increasing production while maintaining or improving overall part quality.

Methods of application

Cimpulse MP35-8101 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
Grinding & machining	6.0 - 10.0 %

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 or TA Kit.

Concentration analysis

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

Refractometer factor:

If the refractometer is used, the resultant reading multiplied by a factor of 1.1 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	0.84	0.75	0.67	0.59	0.50	0.41	0.32	0.23	0.15	0.06	

Handling and storage

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

Packaging type

5, 25, 1000 and 200 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: +31 (0)10-4600660
cimcool.eu@duboischemicals.com
www.cimcool.com

