



### Description

Cimstar 38-505SW is a multipurpose micro emulsion formulated without boron and biocides. The Cimstar 38-505SW is equipped with Cimcool's CimShield *N*-Durance Technology. This latest technology innovation boosts the product "*N*-Durance" combining high alkalinity with acceptable pH, thereby securing product stability, pH buffering and corrosion protection.

### Application

Cimstar 38-505SW is a low foaming cutting fluid recommended for medium duty grinding and machining of all ferrous and most non-ferrous metals. It is specifically designed for use in soft water (2-10° dH).

### Features and benefits

The innovative blend of "*N* - Durance" materials work in synergy providing alkalinity, product stability, pH buffering and corrosion protection. The result is a next generation CimShield Technology outperforming many traditional products, by providing low-top up rates, clean machines and high product stability.

Cimstar 38-505SW is formulated without boron, formaldehyde releasing agents, Isothiazolinone derivatives or other biocides.

Cimstar 38-505SW is a highly cost effective micro emulsion, reducing total cost due to low top up rates and long fluid life.

Cimstar 38-505SW guarantees superb foam control in the indicated water hardness range.

## Methods of application

Cimstar 38-505SW 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

Grinding	4 - 6 %
Machining	5 - 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 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:	1.5
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If the refractometer is used, the resultant reading multiplied by a factor of 1.5 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	0.78	0.61	0.44	0.26	0.09	*.91	*.74	*.56	*.39	*.21	

## Handling and storage

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

## Packaging type

5, 20, 200, 1000 litre and bulk.

## 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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