

CimShield *N*-Durance Technology based
High Performance Micro Emulsion



PRODUCT INFORMATION FLYER

Description

Cimstar 38-255SW is a multipurpose micro emulsion formulated without boron and biocides. The Cimstar 38-255SW 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 38-255SW is a cutting fluid recommended for medium duty grinding and machining of all ferrous and most non-ferrous metals used by automotive manufacturers. It is specifically designed for use in soft water (2-10° dH) and can be used in individual machines and central systems.

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 38-255SW is formulated without boron, formaldehyde releasing agents, isothiazolinone derivatives or other biocides.

Cimstar 38-255SW is a highly cost effective micro emulsion, reducing total cost due to low top up rates and long fluid life.

Cimstar 38-255SW guarantees superb foam control in the indicated water hardness range.

Methods of application

Cimstar 38-255SW 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

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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