

# SOLCUT

## MACHINING COOLANT

### DESCRIPTION

Solcut is a water soluble machining coolant formulated for machining operations on ferrous and non-ferrous metals.

### SUMMARY OF BENEFITS

- Excellent rust preventive properties and biostability of Solcut ensure trouble free operation while the high lubricity additives improve surface finish
- Mixes well with hard water and emulsions are completely stable

### APPLICATIONS

Use Solcut for all machining of non-ferrous metals. Solcut is suitable for medium duty cutting on ferrous metals. Solcut can be used in a variety of machining operations including turning, drilling, tapping and milling. The low foaming characteristics of Solcut make it an ideal coolant for high pressure "through tool" coolant systems.

### RECOMMENDED USAGE CONCENTRATION

The recommended usage concentration of Solcut is between 3% and 10% but may be customised to suit individual needs or solutions, which may vary from time to time. It is strongly advised that you contact your Sales Representative to discuss before commencement of use.

### CONCENTRATION CHECKS

We recommend that periodic solution concentration checks of Solcut be carried out. The use of a pocket refractometer will simply and quickly determine concentration of emulsion. The refractometer factor is 1.0.



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### USAGE, STORAGE AND DISPOSAL

**Usage:** Slowly mix Solcut into room temperature water with agitation. Before using Solcut please ensure that all safety requirements as set out on the Material Safety Data Sheet are observed and adhered to, if ever in doubt please contact your Sales Representative who will be happy to help by addressing any concerns or questions.

**Storage:** Store according to instructions given on Material Safety Data Sheets.

**Disposal:** Use an accredited Trade Waste Disposal Company, which complies with all the local environmental laws and regulations when disposing of any waster product.

### HEALTH, SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

### PRODUCT SHELF LIFE

Under normal conditions the recommended shelf life for Solcut is a minimum of Six (6) months, unless otherwise specified.

### AVAILABILITY AND SHIPPING CLASSIFICATION

Solcut is available in 205 litre drums. Other sizes may be available upon request, please contact your Sales Representative. Gulf Western Oil provide a reliable and professional delivery service of all its products. However if transportation of Solcut is required it should be done in accordance to the Material Safety Data Sheets, the local laws and regulations. It is highly recommended that an accredited transportation company should always be used.

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### WARRANTY

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied, since the use of our products is beyond our control. Statements concerning the use of this product are not to be construed as recommending the infringement of any patent.

### TYPICAL CHARACTERISTICS

SOLCUT	Test Method
Appearance	Clear Red Brown Liquid
Density @ 15°C	0.890 kg/L
Emulsion	5%
Emulsion Appearance	White Opaque
pH @ 5%v/v	9.3

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.*

### AVAILABLE PACK SIZES

IBC - 30088B, 205lt - 30088, 20lt - 32088