



PRODUCT DATA SHEET

SOLCUT QM 371SW

APPLICATION

Hi-Tec Solcut QM 371SW is a concentrate which can be used to form a high performance micro emulsion coolant for difficult machining operations, particularly where surface finish is a major requirement.

Hi-Tec Solcut QM 371SW is specially recommended for the machining of aluminium as well as difficult operations on cast iron and stainless steel.

USAGE

Use **Hi-Tec Solcut QM 371SW** on steel, cast iron and aluminium alloys at concentrations varying between 5% and 10% depending on the severity of the application and where the water hardness is between 100 ppm and 250 ppm

BENEFITS

- Excellent in aluminium reaming from 6%.
- Excellent results in broaching.
- Chlorine free.
- Ensures a good finish on the machined piece.
- Excellent bio resistance.
- Good anti corrosion properties.
- Pleasant odour.

COMPATIBILITY

Hi-Tec Solcut QM 371SW is compatible with most commonly used polymer hose and seal materials. However due to the wide variety of materials available specific recommendations should be sought from your distributor or Hi-Tec Sales Representative.

STORAGE

If the following criteria are adhered to, **Hi-Tec Solcut QM 371SW** can be stored for at least six months

Maximum recommended long-term storage temperature: 40°C.

Minimum recommended long-term storage temperature : 0°C.

Keep drums/containers tightly closed when not in use.

Store containers/drums in a dry and well ventilated area.

TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

Appearance (concentrate)	Clear Amber Liquid
Appearance (diluted product)	Stable white
pH (5%)	9.0 - 9.4
pH (10%)	9.2 – 9.6
pH neat	9.5 – 10.5
Refractive index 5%	4.6 ° Brix
Refractive index 10%	0 8 ° Brix
Specific Gravity @25°C	0.973
Viscosity @40°C	85 – 95 cSt
Total alkalinity	80 - 85 mg KOH/g
Acid Value (Boric acid)	55 - 60 mg KOH/g
Saponification Value	75 – 102.3 mg KOH/g



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Available in: 200 litres, 20 Litres

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

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