



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

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[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### BIOCUT Q3755 SOLUBLE CUTTING FLUID

#### APPLICATION

**Biocut Q3755 Soluble Cutting Fluid** is a versatile, general purpose, semi-synthetic, machining and grinding fluid. It is suitable for use on a wide range of metal removal operations for both ferrous and aluminium alloys.

#### USAGE

**Biocut Q3755 Soluble Cutting Fluid** is mixed with water at 2 – 10% concentrations to form a milky emulsion. The exact concentration required will depend on the severity of the application. The product is suitable for use in waters up to 300ppm CaCO<sub>3</sub> hardness.

#### BENEFITS

- Provides stable lubrication for high quality surface finish.
- Excellent corrosion protection for the machined parts, DIN chip <3%.
- Leaves no sticky residues on the workpiece.
- Biostatic.
- Triazine free.
- Contains no Phosphorous, Sulphur or Chlorine.
- Low environmental impact, meets WGK class 1.

#### COMPATABILITY

**Biocut Q3755 Soluble Cutting Fluid** is compatible with most seal, hose and packing polymers designed for use with petroleum based lubricants. However for advice regarding specific materials, contact your distributor or your Hi-Tec Sales representative.

**Biocut Q3755 Soluble Cutting Fluid** is compatible with all metals commonly found in metal-working coolant systems and machines.

#### STORAGE

If the following criteria are adhered to, **Biocut Q3755 Soluble Cutting Fluid** 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.

Hi-Tec Oils suggests that the equipment manufacturers' recommendations for viscosity grade, performance requirements and general operating conditions should be checked prior to use.



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### CHEMICAL AND PHYSICAL PROPERTIES:

#### Property

Appearance

Appearance @ 5% Concentration

pH (5% in demineralised water)

Total Alkalinity (mg KOH/g)

Specific Gravity

Viscosity @ 40 °C (cSt)

Refractometer Factor

#### Results

Clear Amber Liquid

Milky White

9.0 – 9.4

106 – 117

0.970 – 1.010

75.2 – 83.2

1.1

**Available in:** 205 Litres and 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](http://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](http://www.hi-tecoils.com.au)”

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