



Quaker Chemical

TECHNICAL DATA

QWERL 2000 NZ

SYNTHETIC MILL COOLANT

Application:

Qwerl 2000 NZ is a water-soluble coolant of the new generation, for all tube milling operations. The new concept allows a nearly unlimited sump life on the microbiological aspect. Qwerl 2000 NZ is free of secondary amines, secondary amine releaser, nitrite, nitrite releaser, chlorine compounds, and heavy metals. Qwerl 2000 NZ is a universal product for all cold tube rolling operations with cold rolled steel, hot rolled steel, galvanized steel and high alloyed steel. The product is designed to work in any type of water from demineralised to hard water.

Usage:

Qwerl 2000 NZ is recommended for use at 3 - 5% concentration in water.

Benefits:

- Biostatic - Long coolant life.
- Excellent work piece corrosion protection.
- Efficient removal of dirt and metal fines from the deformation zone.
- Good lubrication for prolonged tool life.
- No foaming in a range of water qualities.
- High tramp oil rejection rate.

QUAKER CHEMICAL (AUSTRALASIA) PTY LIMITED

A.C.N 000 465 949

POSTAL ADDRESS: P.O BOX 255, SEVEN HILLS, NSW 1730

TELEPHONE: (02) 9624 2388, FAX: (02) 9624 5590

The information contained and recommendations made in this data sheet are based upon data collected and believed by us to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made herein with respect to the merchandise described and we assume no responsibility for the results of the use thereof.



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Compatibility:

Qwerl 2000 NZ is compatible with most commonly used polymer hose, seal materials, and bearing greases however due to the wide variety of materials available specific recommendations should be sought from the supplier or the Quaker Chemical Laboratory. Qwerl 2000 NZ is compatible with all metals commonly used for coolant system components. Compatibility with organic decorative or protective coatings is best determined on a case-by-case basis in consultation with the supplier or the Quaker Chemical laboratory.

Safety:

The measures to be taken to ensure the protection of health and safety at the workplace are described in the Material Safety Data Sheet (MSDS). A MSDS is sent at the first delivery and regularly updated. Due to the variation in national legislation the MSDS can change for different countries.

Storage:

If the following criteria are adhered to, the product 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.

Quality Assurance:

Quaker Chemical assures that the delivered product is produced within manufacturing specifications. A certificate, containing these manufacturing specifications and the results for the delivered material, is available on request.

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Chemical and Physical Properties (typical):

Appearance:	Clear Liquid
pH, 5% in demineralised water:	9.5 – 9.8
Total Alkalinity, mgKOH/g:	170 – 190
Specific Gravity, 25°C:	1.090 – 1.110

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