

# Product Information

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## ECOCUT MIKRO 3000 C Minimum Quantity Lubricant (MQL)

### Description

ECOCUT MIKRO 3000 C replaces flood-machining lubricants with a very fine mist applied to the tool edge. This minute film drastically reduces friction and reduces heat to extend tool life to yield excellent finish and size control.

ECOCUT MIKRO 3000 C is a lubricant made of naturally derived ingredients. These are less hazardous and environmentally friendly components that are more biodegradable than conventional petroleum based lubricants.

### Micro Mist Application:

ECOCUT MIKRO 3000 C IS ECONOMICAL. It is an effective micro-mist lubricant that is to be applied in a micro-mist form by micro-mist applicators that are extremely stingy in the quantity applied. Often, applying only a few ounces per shift to the tool increases tool life in such applications as sawing, milling, broaching, swaging, drilling, tapping, forming and other metalworking operations.

### Multi-Metal Safe:

ECOCUT MIKRO 3000 C is effective when used when machining, aluminum, brass and mild steel. It is particularly effective when machining soft or gummy alloys, which tend to easily gall or load tools.

### Eliminates Cleaning:

The essentially DRY film also benefits by yielding parts, which most often do not require any cleaning to remove the film. This saves money for purchase and disposal of cleaning compounds. Dry chips from cutting are also worth more for recycling by waste metal collectors.

### Storage and Safety

The product should be stored in its original sealed container at temperatures between 7°C (45°F) and 32°C (90°F). Safety data sheets (SDS) are available. Before handling, read the product information and SDS for proper handling and health hazard information.

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### Characteristics

Appearance	Amber
Viscosity @ 40°C (cSt)	34
Specific Gravity @ 15°C	<1.0
Flash Point (COC, °F, min)	500

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The information contained in this brochure is based on the experience and know-how of FUCHS LUBRICANTS CO. in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc.

For this reason, universally-valid statements about the function of our products are not possible. The information given in this Product Information sheet represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

We therefore recommend you consult a FUCHS LUBRICANTS CO. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our Product Information sheets at any time and without warning. With the publication of this Product Information sheet, all previous editions cease to be valid.

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