

# RELIACUT FS 25

## Chlorine-Free Anti-mist Cutting and Grinding Fluid

**RILIACUT FS 25** is a chlorine-free fat-based anti-mist-reinforced type non-water-soluble cutting fluid blended with the new oiliness agent and mist inhibitor. **RILIACUT FS 25** can be used for light cutting and grinding of a wide range of materials such as non-ferrous metal, low-carbon steel and low-alloy steel. **RILIACUT FS 25** corresponds to JIS K 2241 Type N1, No.3.

### ●Special Features

#### 1. Excellent cutting performance

Because **RILIACUT FS 25** is formulated with highly refined base oil and special oiliness agent, it has excellent cutting performance.

#### 2. Excellent anti-mist properties

**RILIACUT FS 25** contains special mist inhibitor that suppresses oil mist generated during the machining, thus improves the working environment.

#### 3. Low odor

Since the additives of **RILIACUT FS 25** are low odor, the work environment is improved.

#### 4. Visualization of the Machining Point

The machining point can be seen easily, because of the reduced floating mist and thin fluid color on the machining point.

#### 5. Gentle for skin roughness

**RILIACUT FS 25** may prevent skin roughness compared to the conventional cutting fluids because it uses highly refined base oils which have proper viscosity.

### ●Applications

Suited for light cutting and grinding of a wide range of materials such as nonferrous metal, low carbon steel, low alloy steel

### ●Containers

200-liter drums and 20-liter cans

### ●Typical properties of RILIACUT FS 25

Appearance		Light yellow
Color	(ASTM)	L0.5
Density	(15°C) g/cm <sup>3</sup>	0.868
Viscosity	(40°C) mm <sup>2</sup> /s	24.3
Viscosity	(100°C) mm <sup>2</sup> /s	4.66
Flash point	(COC) °C	210
Pour point	°C	-12.5
Acid number	mgKOH/g	0.01
Copper corrosion(100°C,1h)		1
Fatty content	mass%	1
Sulfur content	mass%	0.25

Note: The typical properties are subject to change without notice.  
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## Handling Precautions

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Base Oil, Additives
<b>Precautionary pictograms:</b>	Not applicable
<b>Signal word:</b>	Not applicable
<b>Hazard Statement:</b>	Not applicable
<b>Precautionary Statements:</b>	<ul style="list-style-type: none"><li>• Do not handle until all safety precautions have been read and understood.</li><li>• Wear protective gloves/protective clothing/eye protection/face protection.</li><li>• Do not allow the eyes to become exposed to the product. Do not swallow the product.</li><li>• Wash hands thoroughly after handling.</li><li>• Do not eat, drink or smoke when using this product.</li></ul>
<b>Prevention</b>	
<b>Response</b>	<ul style="list-style-type: none"><li>• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</li><li>• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li><li>• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.</li><li>• IF ON SKIN: Wash with plenty of soap and water.</li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.</li><li>• Containers that have been opened must be tightly sealed.</li></ul>
<b>Disposal</b>	<ul style="list-style-type: none"><li>• Dispose of contents/container in accordance with local/regional/national/international regulations.</li><li>• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.</li></ul>