

# Coolcut A

## Beschreibung:

**WASCUT Coolcut A** is a modern, high-quality, oil-containing Emulsion with a high lubricity for the machining of all metals. **WASCUT Coolcut A** is mild for machine operators while maintaining high technical standards.

## Health:

**WASCUT Coolcut A** is mild to the skin and is composed of raw materials that are not known or suspected to be carcinogenic, mutagenic or otherwise health endangering. The reaction products between raw materials or of the emulsion in use are also not known to be health endangering. Despite this, Wascut follows the latest medical research literature to see and eliminate potential dangers at an early point.

**WASCUT Coolcut A** is free from amines, including easily nitrosable secondary Amines (e.g. Diethanolamine), "capped" secondary amines (e.g. Diethanolamide), chemicals that are absorbed through the skin, damage organs and are teratogenic (e.g. Monoethanolamine), chlorinated hydrocarbons (e.g. PCB's, PCT's), silicone-containing compounds, and nitrite. **WASCUT Coolcut A** is based on a mineral oil that is known to be non-carcinogenic.

## Lubricity:

**WASCUT Coolcut A** has a high lubricity, which gives machined work pieces a smoother surface finish. The high lubricity also results in a longer machine tool life, which saves you money.

## Corrosion protection:

**WASCUT Coolcut A** offers a reliable corrosion protection for machines and work pieces.

## Long emulsion life:

The carefully balanced formulation of **WASCUT Coolcut A** leads to a long emulsion life, even under difficult conditions.

## Neutral odour:

**WASCUT Coolcut A** has a neutral smell, which makes it pleasant to use.

## Economical to use:

Using **WASCUT Coolcut A** helps you reduce production costs!

## Technical Data:

| Quality              | Units    | Typical value | test method |
|----------------------|----------|---------------|-------------|
| <b>Concentrate:</b>  |          |               |             |
| Colour               |          | Braun         | Visual      |
| Density at 20°C      | g/ml     | 0,96 ± 0.02   | DIN 51 757  |
| Mineral oil content  | Weight % | 55 ± 5        | Formulsion  |
| <b>Emulsion:</b>     |          |               |             |
| pH-Value at 5%       |          | 8,9 ± 0.2     | DIN 51 369  |
| Colour               |          | white         | Visual      |
| Refractometer factor |          | 1             | Visual      |

## Recommended concentration:

| Metal working concentration        | Recommended concentration |
|------------------------------------|---------------------------|
| Turning, Drilling, Milling, sawing | 5 bis 12 %                |
| Grinding                           | 5 bis 6 %                 |