

# Envirocut GF6

## TECHNICAL DATA SHEET

### Envirocut GF6

#### Description

A non-HAP, non-VOC, biodegradable, renewable, fully synthetic ester based product specifically designed for high performance grinding. The product gives ultimate surface finish and tool-life. It is based on fully saturated esters and offers significant benefits over other environmentally acceptable lubricants in terms of oxidative stability and odour. Its low viscosity allows excellent flushing and cooling in the grinding process. It is particularly effective for carbide grinding using diamond wheels.

Envirocut GF6 has no air mist hazard.

Envirocut GF6 has a very high flashpoint and auto-ignition temperature, compared to similar viscosity mineral oil based products, which makes it safer in use.

#### Benefits

- Proven safety for environmental and operator concerns.
- Bio-degradable lubricant
- No air-mist hazard
- Low fuming
- Very high flash point and auto-ignition temperature.
- Safer operation.
- No hazard labelling required
- Operators with sensitive skin appreciate the non-hydrocarbon emollient basis of the fluid.
- Pure chemical so very tight boiling range, no viscosity or performance drift
- Low viscosity ensures maximum flushing
- No artificial dyes to restrict work-piece viewing
- Very low odour
- Longer fluid life

#### Typical Physical Properties

Appearance	Almost water white
Specific Gravity	~0.87 @ 20°C
Foaming Tendency	Low
Viscosity at 40°C	6 cSt
Lubricity	Very High
Usage Concentration	As supplied

#### Application Method

Envirocut GF6 is suitable for grinding of all metals.

Envirocut GF6 can be applied in mist and flood applications.