

## TECHNICAL DATA SHEET

### Envirocut NBR

#### Description

A renewable synthetic saturated ester based broaching and drilling fluid. The product gives superior surface finish and tool-life. The product can also be used for very arduous machining of stainless and other hard alloys.

It has been designed based on new technology chlorinated compounds that are paraffin-free to give enhanced performance and avoid current and future environmental hazard labelling.

The product is oil-free and does not have oil-mist hazard. It has a very high flash point and fire point.

#### Benefits

- Excellent lubricity
- Renewable base stocks
- Excellent EP Performance.
- Oil-free
- Anti-mist additive
- Sulphur-free
- Highly treated
- Excellent surface finish
- More environmentally friendly
- Enhanced Tool-life
- No Oil Mist Hazard
- Low misting tendency
- Non staining
- Suitable for difficult alloys

#### Typical Physical Properties

Appearance	Pale yellow fluid
Specific Gravity	~1.0 @ 20°C
Foaming Tendency	Low
Viscosity at 40°C	11 cSt
Lubricity	Very High
Chlorine (elemental)	10-12%
Sulphur (active)	Nil
Usage Concentration	As supplied

#### Application Method

Envirocut NBR is suitable for broaching of ferrous alloys, including modern aerospace type materials.

Envirocut NBR is can top-up all common neat metalworking fluids without adverse effect.

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