

# Product Data Sheet



Cut20/20EP/09-1

## Binol Cut 20, 20EP

Binol Cut 20 and 20EP are environmentally acceptable vegetable oil-based cutting oils for heavy duty machining operations requiring oil with high lubricating properties. They are neat cutting oils designed for gear cutting operations, turning, deep hole drilling and reaming in material such as cast iron, steel, stainless steel, yellow metals and aluminium alloys. Cut 20EP can also be used for plastic formation and tapping.

### Physical and Chemical Data (typical)

Analysis	Method	Unit	Cut 20	Cut 20EP
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	19,5	20
Viscosity at 20°C	ISO 3104	mm <sup>2</sup> /s	37,0	45
Density at 20°C	ISO 3675	kg/m <sup>3</sup>	885	898
Colour	Optical		yellow/red	yellow/red
Smell	Nasal		rapeseed related	rapeseed related
Freezing Point	Own	°C	-3	-3
Flash Point	SS 150202	°C	224	190

### Health and Safety Data

Analysis	Method	Unit	Cut 20	Cut 20EP
Oral toxicity	OECD 401, LD <sub>50</sub>	mg/kg	> 2 000	> 2 000
Skin irritation	OECD 404	-	non irritating	non irritating
Biodegradability	OECD 301B	-	readily biodegradable	readily biodegradable

### Handling

#### · Storage

Handling and storage temperatures +5°C to +40°C.  
Storage in closed container, preferably in the original package.

#### · Packaging

Drums at 200 l, plastic container at 20 l. Bulk and IBC on request.