

## EMERALD CUT

### VEGETABLE-BASED CUTTING OILS

#### Description

Our Emerald Cut vegetable-based cutting oils are non-chlorinated, high performance, light viscosity. They are ideal for machining and grinding of almost all materials. They are biodegradable and more environmentally friendly than traditional straight cutting oils, while at the same time providing a more productive level of performance. Formulated with a renewable plant resource and an exceptional EP package, Emerald Cut vegetable-based cutting oils perform extremely well in heavy-duty machining operations while reducing the environmental impact of paraffinic and naphthenic oils.

#### Features & Benefit

- Vegetable based formulation
- No hazardous volatile organic compounds (VOC's)
- Low toxicity, low odor, operator friendly
- High flash point and low misting

#### Health & Safety

See the most recent MSDS which is available directly from Precision Fluids, your local salesman, or authorized distributor. Precision Fluids uses only raw materials not listed as carcinogenic by IRAC.

#### Physical Data

Product Name	Emerald Cut 3570	Emerald Cut 3571
Appearance	Clear Amber Liquid	Clear Amber Liquid
Odor	Vegetable Oil	Vegetable Oil
Specific Gravity	0.88 g/mL	0.88 g/mL
pH (20:1 dilution)	N/A	N/A
Flash Point	>395° F	>395° F
Viscosity, 40°C	10 cSt	22 cSt

#### Application

Emerald Cut vegetable-based cutting oils are effective for Swiss-style screw machines, lathes, and other CNC machinery.

These products have high-performance achievements on deep-hole drilling, gun drilling, ejector drilling, trepanning, and other severe machining operations on both ferrous and non-ferrous materials, including exotic and high temperature alloys.

#### Toxicity & Handling Precautions

Emerald Cut vegetable-based cutting oils are safe to handle in their delivered form. Exercise care consistent with good industrial practices. Adhere to prevailing OSHA safety regulations, guidelines and/or procedures for this class of product. Refer to the Emerald Cut Material Safety Data Sheet for additional information. MSDS can be requested by email to [info@precisionfluids.com](mailto:info@precisionfluids.com).

**Precision Fluids • 11850 Tanner Road • Houston, TX 77041**

**Phone: 713-896-0606 • Fax: 713-896-0610 • [www.precisionfluids.com](http://www.precisionfluids.com)**