

# Metalworking Fluids

**EA™ 500**

**Co-Emulsifier Additive**



Lauryl Ether Carboxylate Additive



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### Application

**Polartech® EA™ 500 is an amine free co-emulsifier for use at low concentrations to provide improved emulsion and concentrate stability, readily incorporated into formulations, particularly effective in semi synthetic and higher oil products.**

Typical applications include:

- Semi synthetic watermix metalworking fluids
- High oil watermix metalworking fluids
- Synthetic cleaning fluids
- Watermix hydraulic fluids
- Post treatment of watermix systems

### Typical Characteristics

Appearance:	Pale Yellow Fluid
Specific Gravity at 20°C:	1.05
pH at 1%:	2.5

### Storage

- Store inside warehouse, ideally between 10°C and 30°C
- Store out of direct sunlight
- Shelf life of 12 months from date of supply
- Avoid water collecting on barrel top

### Key Performance Benefits

Enhancers emulsion stability
Low foaming
Resistant to hard water salts
Non reactive on neutralisation
Improved concentrate stability
High activity

### Regulatory Status

							
EINECS/ELINCS	TSCA	DSL/NDSL	NICNAS-AICS	ECL	METI-ENCS	PICCS	SEPA-IECSC
✓	✓	✓	✓	✓	✓	✗	✓

A full safety data sheet is available on request. Additional information including advice on suitable disposal methods is also available from the Afton Technical Department.