

Metalworking Fluids

Amide MA™ 460 TM

Corrosion Inhibitor, Emulsifier and pH Buffer Additive

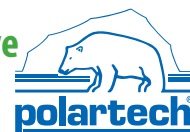


Fatty Acid Monoethanolamide



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Application

Polartech® Amide MA™ 460 TM is an economical ferrous corrosion inhibitor and emulsifier that is secondary amine free, remaining fluid at low temperature and readily incorporated into watermix fluid formulations.

Typical applications include:

- Semi synthetic watermix metalworking fluids
- High oil conventional metalworking fluids
- High water based hydraulic fluids
- Watermix cleaning fluids

Typical Characteristics

Appearance:	Dark Amber Fluid
Specific Gravity at 20°C:	0.97
pH at 1%:	9.5
Acid Value mg KOH/gm:	17

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

Superb ferrous corrosion inhibition
Excellent hard water stability
Improved concentrate stability
Secondary amine free
Fluid residue formation

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.