

# Metalworking Fluids

## BA™ 60 MX

Corrosion Inhibitor Additive



Boron Ethanolamine Reaction Product

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### Application

**Polartech® BA™ 60 MX is a boron based additive of low alkalinity allowing easy incorporation into DEA free formulations and providing superior ferrous corrosion protection with reduced staining on non ferrous materials.**

Typical applications include:

- Semi synthetic watermix metalworking fluids
- Synthetic watermix cutting fluids
- High water based hydraulic fluids
- Synthetic cleaning fluids

### Key Performance Benefits

Very low foaming tendency

Excellent hard water stability

High levels of ferrous corrosion inhibition

Synergistic effects with other corrosion inhibitors

Inherent stability of finished product

Fluid residue formation

### Typical Characteristics

Appearance:	Pale Yellow Fluid
Specific Gravity at 20°C:	1.27
Boron Content, % wt:	5.8
pH at 1%:	9.4
Total Alkalinity, % wt KOH:	30
IP 287 Corrosion Test, %:	2.0

### 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

### 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.