# Metalworking Fluids

**DA<sup>™</sup> 4001** Corrosion Inhibitor Additive



Complex Organic Synthetic Corrosion Inhibitor





# DA<sup>™</sup> 4001 Corrosion Inhibitor Additive

Complex Organic Synthetic Corrosion Inhibitor

# Application

Polartech<sup>®</sup> DA<sup>™</sup> 4001 is a secondary aimine free, boron free, ferrous corrosion inhibitor, readily soluble in aqueous systems and easily incorporated into watermix fluid formulations.

Typical applications include:

- · Semi synthetic watermix metalworking fluids
- Synthetic watermix cutting fluids
- High water based hydraulic fluids
- Synthetic cleaning fluids
- Post treatment of systems

**Key Performance Benefits** 

## Specific Gravity at 20°C: Total Alkalinity, % wt. KOH: pH at 1%:

Appearance:

**Typical Characteristics** 

IP 287 Corrosion Test, %:

## 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

Secondary amine free	
Excellent ferrous corrosion inhibition	
Ultra low foaming tendency	
Compatible with hard water	
Readily soluble in water, glycols and polyglycols	
Fluid residue formation	

# **Regulatory Status**



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.



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Pale Yellow Fluid

1.05

45

10.4

1.0