

## Polartech DA 5001 S

Complex Organic Synthetic Corrosion Inhibitor

- Use** : Corrosion inhibitor
- Applications** : Traditional watermix cutting fluids  
Semi synthetic watermix cutting fluid  
Synthetic watermix cutting fluid  
High water based hydraulic fluids  
Industrial cleaning fluids
- Advantages** : Excellent corrosion inhibition on ferrous materials  
Low foaming tendency  
Readily soluble in water, glycols and polyglycols  
Compatible with hard water and sea water
- Concept** : A ferrous material corrosion inhibitor, readily soluble in aqueous systems for easy inclusion in water based formulations.

### Typical Product Data

<b>Appearance</b>	:	Pale yellow, clear fluid
<b>Chemical Type</b>	:	Alkanolamine soap of mono and di-carboxylic acids
<b>Specific Gravity @ 20°C</b>	:	1.07
<b>Boron Content %wt</b>	:	1.0
<b>pH @ 1% Concentration</b>	:	9.6
<b>Total Alkalinity % wt KOH</b>	:	28
<b>IP 287 Corrosion Test %</b>	:	1.0

This does not represent a complete specification, full sales specification data will be supplied on request by Polartech Quality Assurance Department.

### Health and Safety

Polartech DA 5001 S is free nitrites, phenols, chlorine and PTBBA in accordance with international health and safety trends. For a full Material Safety Data Sheet please contact Polartech Limited.

Polartech DA 5001 S forms part of a comprehensive range of additives, if you require more information on this or any other product please contact Polartech Technical Department. This information is for guidance only. It is recommended that complete testing be carried out on all additives to determine their suitability for use in proprietary formulations.



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