



## FOCUS Disperse P-1000, P-1000-70N, P-1000-70P

### Product Description

Focus Disperse P-1000, P-1000-70N and P-1000-70P are polyisobutylene succinic anhydride (PIBSA), produced from 950 molecular weight polyisobutylene. They are produced via the thermal process, have no residual chlorine and are soluble in both paraffinic and naphthenic oils.

Focus Disperse P-1000, P-1000-70N and P-1000-70P are un-neutralized.

- **P-1000** is not diluted and can be made water dispersible or oil soluble, depending on the source of alkalinity.
- **P-1000-70N** is diluted in naphthenic oil for use in metalworking fluids. When neutralized with alkanolamines and/or sodium hydroxide, it can be made water dispersible for use as an emulsifier and/or dispersant in soluble oils or micro-emulsions.
- **P-1000-70P** is diluted in paraffinic oil and can be reacted with a high molecular weight amine for use as a dispersant in lubricating oils.

### Typical Properties

Feature	Data		
	P-1000	P-1000-70N	P-1000-70-P
Appearance	Amber liquid	Amber liquid	Amber liquid
Specific gravity @ 25 °C	0.93	0.93	0.91
Viscosity @ 100 °C (cSt)	450	80	80
% Active	100	70	70
Flash point, COC (°C)	245	168	164
Acid value (mg KOH/g)	50	35	35
Free maleic anhydride (%)	< 1	< 1	< 1

### Packaging

Packaging	Description	Net Wt.
Drums	55 gallon non-returnable	400 lbs.
Totes	275 gallon non-returnable	2,000 lbs.

### Registration

USA	Yes
Canada	Yes
Europe	Unknown

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