

ProductData


MPSI

 Mineral and Pigment
Solutions, Inc.

Surfactants - Phosphate Ester - Free Acids (Alkyl Ethoxylate)



Authorized Distributor

Advantages:

- Gloss and Color Acceptance Promoter.
- Special Wetting and Auxiliary Dispersing Agent.
- Reduced Water Sensitivity in Dried Films.

- Compatibilizes Components in Paint Formulations.
- Anti-Corrosion Properties.

Note: Specific product application recommendations are available on request.

Product	Strodex P-100	Strodex MO-100	Strodex SE-100	Strodex MR-100
Chemical Class	Phosphate Coester of Alcohol and Aliphatic Ethoxylate	Phosphated Alcohol	Phosphate Coester of Aliphatic Ethoxylate Mixture	Phosphate Ester of Aromatic Ethoxylate
Moles of EO	Coester	–	Coester	6
Total Activity %	98 ± 1	98 ± 0.5	96 ± 1	99 ± 0.5
Moisture %	1 max	0.5 max	4 max	1 max
Physical Form	Clear Liquid	Clear Liquid	Hazy Liquid	Viscous Liquid
Gardner Color	3 max	14 max	2 max	4 max
Brookfield Viscosity cPs at 25 °C	600 ± 100	1,300 ± 300	200 ± 100	2,500 ± 500
Flash Point °C / °F	>90 / >200	>70 / >160	>150 / >300	>150 / >300
Specific Gravity at 25 °C†	1.03 ± 0.5	1.07 ± 0.05	1.00 ± 0.05	1.07 ± 0.05
pH of Product 1% Solution	2.0 ± 0.5	2.0 ± 0.5	3.0 ± 0.5	2.0 ± 0.5
Draves % Product for 25 sec Wetting	0.037	0.094	0.031	0.340
Acid Number pH 5.5 pH 9.5P	155-175, 190-230	230-270, 330-390	18-22, 25-35	155-175, 240-280
Mono/Diester Ratio	–	–	–	–
Residual Nonionic	–	–	–	–

Specific Gravity x 8.32 = Density (Pounds/gallon)

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Mineral and Pigment Solutions, Inc. (MPSI). For more information and assistance, contact Technical Services at 1-800-732-0562.

• Mineral and Pigment Solutions, Inc. • 1000 Coolidge St. • South Plainfield, NJ 07080 •



ProductData



Surfactants - Phosphate Ester - Free Acids (Alkyl Phenoethoxylate)



Authorized Distributor

Advantages:

- Gloss and Color Acceptance Promoter.
- Special Wetting and Auxiliary Dispersing Agent.
- Reduced Water Sensitivity in Dried Films.

- Compatibilizes Components in Paint Formulations.
- Anti-Corrosion Properties.

Note: Specific product application recommendations are available on request.

Product	Dextrol OC-110	Dextrol OC-15	Dextrol OC-22
Chemical Class	Phosphate Ester of Nonyl Phenol Ethoxylate	Phosphate Ester of Nonyl Phenol Ethoxylate	Phosphate Ester of Nonyl Phenol Ethoxylate
Moles of EO	4	6	9
Total Activity %	99 ± 1	99 ± 1	99 ± 1
Moisture %	1 max	1 max	4 max
Physical Form	Clear Liquid	Clear Liquid	Clear Liquid
Gardner Color	6 max	6 max	6 max
Brookfield Viscosity cPs at 25 °C	37,000 ± 5,000	3,600 ± 1,000	5,600 ± 1000
Flash Point °C / °F	>150 / >300	>150 / >300	>150 / >300
Specific Gravity at 25 °C†	1.10 ± 0.5	1.09 ± 0.02	1.11 ± 0.02
pH of Product 1% Solution	2.0 ± 0.5	2.0 ± 0.5	2.0 ± 0.5
Draves % Product for 25 sec Wetting	0.150	0.152	1.45
Acid Number pH 5.5 pH 9.5P	85-100, 160-180	49-59, 75-95	62-75, 110-125
Mono / Diester Ratio	1.10 ± 0.10	0.60 ± 0.10	1.45 ± 0.05
Residual Nonionic	8 max	40 max	9 max
Specific Gravity x 8.32 = Density (Pounds/gallon)			

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ProductData



Surfactants - Phosphate Ester - Free Acids (Tridecyl Alcohol Ethoxylate)



Authorized Distributor

Advantages:

- Gloss and Color Acceptance Promoter.
- Special Wetting and Auxiliary Dispersing Agent.
- Reduced Water Sensitivity in Dried Films.

- Compatibilizes Components in Paint Formulations.
- Anti-Corrosion Properties.

Note: Specific product application recommendations are available on request.

Product	Dextrol OC-40	Dextrol OC-60	Dextrol OC-70
Chemical Class	Phosphate Ester of Tridecyl Alcohol Ethoxylate	Phosphate Ester of Tridecyl Alcohol Ethoxylate	Phosphate Ester of Tridecyl Alcohol Ethoxylate
Moles of EO	3	6	10
Total Activity %	97 ± 1	97 ± 1	97 ± 1
Moisture %	2 max	2 max	4 max
Physical Form	Clear Liquid	Clear Liquid	Clear Liquid
Gardner Color	6 max	6 max	6 max
Brookfield Viscosity cPs at 25 °C	800 ± 200	800 ± 200	800 ± 200
Flash Point °C / °F	>150 / >300	>90 / >200	>150 / >300
Specific Gravity at 25 °C†	1.06 ± 0.2	1.06 ± 0.2	1.06 ± 0.2
pH of Product 1% Solution	1.5 ± 0.3	1.5 ± 0.3	1.5 ± 0.3
Draves % Product for 25 sec Wetting	0.095	0.100	0.195
Acid Number pH 5.5 pH 9.5P	100-120, 150-180	79-90, 125-150	60-70, 100-120
Mono / Diester Ratio	1.10 ± 0.10	1.95 ± 0.15	1.85 ± 0.15
Residual Nonionic	11 max	16 max	18 max
Specific Gravity x 8.32 = Density (Pounds/gallon)			

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