

Sunspense APE Free

who has the most broadly
compatible APE free dispersions?

we do.

working for you.

SunChemical[®]

a member of the DIC group



for brilliant
aqueous color,
try our APE Free
surfactant stabilized
dispersions



Developed to address the growing concerns surrounding Alkylphenol ethoxylates (APE), Sunspense APE Free dispersions are uniquely formulated to be broadly compatible in water-based and water miscible applications. Built on APE Free surfactant technology, these pigment preparations impart intense color without compromising end use properties or regulatory compliance.

Available in a wide variety of colors, these free flowing low viscosity dispersions are perfect for all of your APE Free formulating needs.



Key product attributes and benefits:

APE Free

- Dispersed and stabilized using the latest APE free surfactant technology.

High Color Strength

- A combination of pigment concentration and degree of dispersion.

Highly stable

- Formulated to minimize viscosity gain and settling.

Consistent color

- Typical Specifications +/- 3% Strength, ≤ 1.5 DE

Low VOC

- VOC's are not used as formulary components.

Small particle size

- Average particle size of 0.2 – 0.4 micron.

Long shelf life

- One year from date of shipment.



















Resin Free*

- Most products contain no resin.



















Stir in convenience



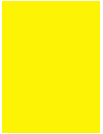
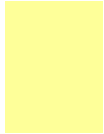
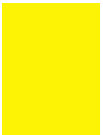
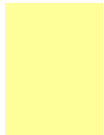
- Free flowing, low viscosity.

Low Odor

| Masstone | 1:19 Tint | Colour Index Name/Number | Product Code | % Pigment | Application Data | | | | | | | Heat Fastness | | Light Fastness | |
|--|---|--------------------------|--------------|-----------|------------------|--------|-------|---------|--------|--------------|---------------|----------------|----------------|----------------|------|
| | | | | | Acid | Alkali | Water | Ethanol | Glycol | Paraffin Wax | Soap Sandwich | 15 min @ 150°C | 30 min @ 150°C | Masstone | Tint |
|  |  | Blue 15:3 74160 | BPD-9777 | 43 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|  |  | Blue 15 74160 | BPD-0150* | 40 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|  |  | Blue 15:3 74160 | BCD-9739* | 46 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|  |  | Green 7 74260 | GCD-9957 | 50 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|  |  | Black 7 77226 | LPD-7832 | 40 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|  |  | Black 7 77226 | LPD-9976 | 40 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|  |  | Orange 5 12075 | OPD-0005 | 43 | 4-5 | 4-5 | 4 | 2 | 2-3 | 2 | 4-5 | 5 | 5 | 6 | 3 |
|  |  | Orange 16 21160 | OPD-6016 | 37 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 3-4 | 3 |
|  |  | Red 122 73915 | QPD-0122 | 33 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |

*Contains Acrylic Resins

| Masstone | 1:19 Tint | Colour Index Name/Number | Product Code | % Pigment | Application Data | | | | | | | Heat Fastness | | Light Fastness | |
|--|---|--------------------------|--------------|-----------|------------------|--------|-------|---------|--------|--------------|---------------|----------------|----------------|----------------|------|
| | | | | | Acid | Alkali | Water | Ethanol | Glycol | Paraffin Wax | Soap Sandwich | 15 min @ 150°C | 30 min @ 150°C | Masstone | Tint |
|  |  | Violet 19 73900 | QPD-9019 | 33 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|  |  | Red 22 12315 | RPD-9774 | 45 | 5 | 5 | 5 | 4 | 2 | 2-3 | 3-4 | 3-4 | 3 | 5 | 2-3 |
|  |  | Red 184 12466 | RPD-9975 | 34 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 6 | 6 |
|  |  | Red 210 12477 | RPD-0210 | 36 | 5 | 5 | 5 | 4-5 | 4 | 4 | 5 | 5 | 5 | 6 | 5 |
|  |  | Red 269 12466 | RPD-2690 | 33 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 6 | 6 |
|  |  | Red 146 12485 | RPD-0146 | 38 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 |
|  |  | Red 254 56110 | RPD-2542 | 34 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 7-8 | 7-8 |
|  |  | Violet 23 51319 | VPD-2350 | 41 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 8 | 7 |
|  |  | Yellow 14 21095 | YPD-9773 | 45 | 4-5 | 4-5 | 5 | 4 | 5 | 5 | 5 | 4-5 | 4-5 | 4-5 | 3-4 |

| Masstone | 1:19 Tint | Colour Index Name/Number | Product Code | % Pigment | Application Data | | | | | | | Heat Fastness | | Light Fastness | |
|--|---|--------------------------|--------------|-----------|------------------|--------|-------|---------|--------|--------------|---------------|----------------|----------------|----------------|------|
| | | | | | Acid | Alkali | Water | Ethanol | Glycol | Paraffin Wax | Soap Sandwich | 15 min @ 150°C | 30 min @ 150°C | Masstone | Tint |
|  |  | Yellow 74 11741 | YPD-6074 | 42 | 4 | 4 | 5 | 2 | 4 | 1-2 | 3-4 | 4 | 1-2 | 7-8 | 7 |
|  |  | Yellow 83 21108 | YPD-1183 | 30 | 4 | 3 | 5 | 5 | 5 | 5 | 4-5 | 5 | 5 | 7 | 5-6 |
|  |  | Yellow 155 20031 | YPD-5510 | 35 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 8 | 8 |



About Sun Chemical

Sun Chemical, a member of the DIC Group, is a leading producer of packaging and graphic solutions, color and display technologies, functional products, electronic materials, and products for the automotive and healthcare industries. Together with DIC, Sun Chemical is continuously working to promote and develop sustainable solutions to exceed customer expectations and better the world around us. With combined annual sales of more than \$8.5 billion and 22,000+ employees worldwide, the DIC Group companies support a diverse collection of global customers.

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 Color & Comfort