



Nonionic Surfactants

SINOPOL 400 Series , Polyoxyethylene Lauryl Amine

| Trade Name | Form (30°C) | Packing (kg) | Color (30°C) | PH (1%aq.) | Specific Gravity (30°C) | 1% aq. Cloud Point (°C) | Moisture (%) | TAV (mg KOH/g) | HLB |
|-------------|-------------|------------------|--------------|------------|-------------------------|-------------------------|--------------|----------------|------|
| SINOPOL 401 | Liquid | 180 Drum | G-13 Max. | 9.5-11.0 | — | — | 0.5 Max. | 210-235 | 11.1 |
| SINOPOL 402 | Liquid | 170 Plastic Drum | G-2 Max. | 9.0-10.5 | 0.892-0.912 | — | 0.5 Max. | 184-204 | 11.4 |
| SINOPOL 405 | Liquid | 180 Drum | G-13 Max. | 8.5-9.5 | — | — | 0.5 Max. | 127-141 | 12.4 |
| SINOPOL 407 | Liquid | 190 Plastic Drum | G-13 Max. | 8.5-9.5 | 0.980-1.000 | — | 0.5 Max. | 106-115 | 13.1 |
| SINOPOL 410 | Liquid | 190 Plastic Drum | G-13 Max. | 8.5-9.5 | 1.000-1.020 | ①74-79 | 0.5 Max. | — | 14.1 |
| SINOPOL 412 | Liquid | 200 Plastic Drum | G-13 Max. | 8.5-9.5 | 1.015-1.035 | ①81-85 | 0.5 Max. | 75-79 | 14.7 |
| SINOPOL 415 | Liquid | 200 Plastic Drum | G-8 Max. | 8.5-10.0 | — | — | 0.5 Max. | 62.3-67.9 | 15.6 |

① 1% solution in 5% Na₂SO₄ aqueous solution



Nonionic Surfactants

SINOPOL 400ST Series , Polyoxyethylene Tallow Amine

| Trade Name | Form (30°C) | Packing (kg) | Color (30°C) | PH (1%aq.) | Specific Gravity (30°C) | 1% aq. Cloud Point (°C) | Moisture (%) | TAV (mg KOH/g) | HLB |
|---------------|-------------|--------------|--------------|------------|-------------------------|-------------------------|--------------|----------------|------|
| SINOPOL 402ST | Liquid | 180 Drum | G-13 Max. | 9.0-10.5 | 0.883-0.903 (40°C) | — | 0.5 Max. | 159-163 | 9.0 |
| SINOPOL 405ST | Liquid | 180 Drum | G-13 Max. | 8.5-9.5 | 0.940-0.960 | — | 0.5 Max. | 110-120 | 10.0 |
| SINOPOL 410ST | Liquid | 190 Drum | G-13 Max. | 8.5-9.5 | 0.985-1.005 | ①70-74 | 0.5 Max. | — | 11.7 |
| SINOPOL 412ST | Liquid | 200 Drum | G-13 Max. | 8.5-9.5 | 1.002-1.022 | ①76-79 | 0.5 Max. | — | 12.3 |
| SINOPOL 415ST | Liquid | 200 Drum | G-13 Max. | 8.5-9.5 | 1.010-1.030 | ①80-85 | 0.5 Max. | 58-66 | 13.3 |
| SINOPOL 420ST | Liquid | 200 Drum | G-13 Max. | 8.5-9.5 | 1.028-1.048 | ①86-90 | 0.5 Max. | — | 15.3 |
| SINOPOL 430ST | Liquid | 200 Drum | G-13 Max. | 8.5-9.5 | 1.050-1.070 (40°C) | ①84-87 | 0.5 Max. | 35.5-37.5 | 16.7 |
| SINOPOL 450ST | Solid | 200 Drum | G-15 Max. | 8.5-9.5 | — | — | 0.5 Max. | 21.5-24.5 | 17.9 |

① 1% solution in 5% Na₂SO₄ aqueous solution

Operating Temperature : Sinopol 450ST - become pourable liquid at about 60°C