

## NUOSPERSE® W-30

### APE-Free Pigment Dispersing Agent

#### GENERAL INFORMATION

**NUOSPERSE W-30** is an environmentally friendly dispersing agent that can be used with all types of pigments to help provide full color development and maximum production output. It is highly effective in wetting and dispersing pigments in waterborne systems, and stabilizing the finished dispersion to prevent re-flocculation and viscosity drift.

**NUOSPERSE W-30** is low VOC and free of alkylphenol ethoxylates.

**NUOSPERSE W-30** dispersing agent does not promote foam, will not lower gloss, or affect dry time, resistance properties or film hardness. In high gloss coatings the improved dispersion obtained will often yield higher gloss and improved distinction of image.

#### CHEMICAL & PHYSICAL PROPERTIES

Solids	33.5 %
Viscosity, cps	400 - 700
Bulk density	8.7 lbs / gal
Specific gravity	1.04
VOC US EPA Standard	0.92 lbs. / gal
Test Method 24	110 gr. / lt.

These are typical properties not to be used for specification purposes.

#### APPLICATIONS

- **NUOSPERSE W-30** is compatible with most waterborne coatings vehicles and can be used in decorative paints, industrial coatings and maintenance finishes, automotive coatings, electro-deposition coatings, wood and furniture coatings,
- parquet lacquers, and inks as well as in the manufacture of tinting colors for these same applications.

#### KEY PROPERTIES

- Rapid pigment wetting
- Good flow at high pigment loading
- Increased mill output
- Maximum tinting strength development
- Full chroma development
- Elimination of floating, flooding and rub-up
- Long-term viscosity stability
- Optimum initial gloss and gloss retention
- Elimination of hard settling

#### INCORPORATION

**NUOSPERSE W-30** dispersing agent added to the mill base prior to addition to pigments.

#### LEVELS OF USE

In coatings and inks where pigment is dispersed in a water soluble resin, a 2 % addition of **NUOSPERSE W-30** on the mill base portion of the formula will provide lower viscosity and increased pigment loading, along with the other benefits of improved dispersion.

In the manufacture of concentrated tinting colors, 10 % to 15.0 % on pigment load will give optimum performance, depending on the pigment used

#### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

#### STORAGE RECOMMENDATIONS

**NUOSPERSE W-30** dispersing agent should be stored out of direct sunlight at temperatures between 40 °F / 5 °C and 130 °F / 50 °C. Protect from frost.

## NUOSPERSE® W-30

### SHELF LIFE

Four (4) years from the manufacturing date.

### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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