# **SOLURYL 70**

## Grinding Vehicle & Polymer surfactant for Water-based Products

#### Features

- Good pigment dispersion
- Excellent ink transfer and printability
- Good viscosity stability and High gloss

## **Typical Properties**

Appearance	Clear pellet	
Molecular Weight	7,000	
Non Volatiles, wt%	>98.5	
Acid Number, mgKOH/g	218	
Tg, ∘C	115	
Density, g/ml	1.125	
Softening Point, °C	155	

## **Compatibility of Soluryl 70**

Eco Soluryl 70 is compatible with most common emulsions. Dilution with glycols, glycol ethers and alcohols is excellent.

#### Application

Pigment grinding vehicle Polymer surfactant for emulsion Coating materials for water base OPV

## **Solution Preparation and Properties**

The following formulations are offered as starting points of making resin solutions. The resin should be cut under agitation by high-speed mixers. Although Soluryl 70 will dissolve at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

Soluryl 70	30.0	30.0
D. Water	62.8	62.8
Ammonia Water (28%)	7.2	—
Monoethanol amine	—	7.2
рН	8.5	8.7
Viscosity, cps (25□, Brookfield)	500	750

#### **Safety Information**

Soluryl 70 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds as well BTX. And raw materials for Soluryl 70 and our manufacturing process do not include any hazardous or regulated materials. In addition, Soluryl 70 is being prepared for FDA regulation 21CFR 175.105, 21CFR 175.210, CFR 175.300, 21CFR 175.320, 21CFR 176.170, 21CFR 176.180.

The information given herein and other otherwise supplied to users is based on our general experience and where applicable, on the results of tests on samples of typical manufacture. However, because of the many factors which are outside knowledge and control, which can effect the use of these products, users must rely on their own judgment and we cannot accept liability for any injury, loss or damage resulting from reliance upon such information.