# Surfactol™ 365 non-ionic castor oil surfactant

### product information

Surfactol 365 is an ideal low foaming emulsifier for oil/water emulsions. It provides a means of using the basic properties of castor oil - lubricity, penetration, pigment wetting, compatibility - in a water-based system.

#### application background

- Lubricants
- Cutting oils
- Metal-working fluids

$$\begin{array}{c|c} O & O(CH_2CH_2O)_x \\ CH_2-O-\overset{\square}{C}-(CH_2)_7-CH=CH-CH_2-\overset{\square}{C}H-(CH_2)_5-(CH_3) \\ O & O(CH_2CH_2O)_y \\ CH-O-\overset{\square}{C}-(CH_2)_7-CH=CH-CH_2-\overset{\square}{C}H-(CH_2)_5-(CH_3) \\ O & O(CH_2CH_2O)_z \\ CH_2-O-\overset{\square}{C}-(CH_2)_7-CH=CH-CH_2-\overset{\square}{C}H-(CH_2)_5-(CH_3) \end{array}$$

## performance benefits

- · Water-dispersible castor oil
- · Solubilizer for dyes, colorants, perfumes, essential oils and extracts
- Emulsifier for oils, fats, waxes, insecticides, oleo-resinous binders, polyesters and acrylics
- Biodegradable and renewable source

#### typical characteristics

Appearance	pale yellow liquid
Equivalent Weight	701
Acid Value	0.2
Gardner Color	4 maximum
Hydroxyl Value	80
lodine Value	36
Viscosity, 25°C	500 cP
HLB Value	13.3
Saponification Value	68
Specific Gravity, 25°C	1.054

conditions of intended use. Our customers should ensure that any product incorporating an Aurorium ingredient is safe for its intended use pursuant to applicable law and

