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## E-Wax HWE30

### TECHNICAL DATA SHEET

#### DESCRIPTION

**E-Wax HWE30** is a 30% Hard Polyethylene Wax Emulsion. Wax in water emulsion - 30% internal phase.

#### FORMULATION/COMPOSITION

**E-Wax HWE30** is a hard, oxidized, polyethylene wax in water emulsion.

#### PROPERTIES/APPLICATIONS/USE

**E-Wax HWE30** can be added at any point during the manufacturing process, but it is best done when the pH is above 9.0.

**E-Wax HWE30** is compatible with alkali-soluble resins, anionic surfactants, plasticisers, coalescing solvents and acrylic/styrene acrylic polymers typically used in ready-to-use polishes. The amount of **E-Wax HWE30** to be used in polish formulations will depend on the ratio of polyethylene wax to acrylic polymer required and the solid content of the final formulation but is usually between 4 and 15% by weight of total formulation.

Note: The greater the Acrylic Polymer % in relation to the Wax % the less buffable the product will be.

The greater the Wax % in relation to the Acrylic Polymer % the more buffable the product will be.

**E-Wax HWE30** is excellent for use in polymer floor sealers.

**E-Wax HWE30** is useful in automotive "Wash 'n wax" and spray-on polish systems.

**E-Wax HWE30** is compatible with most other wax emulsions, and silicone emulsions.

#### PHYSICAL & CHEMICAL PROPERTIES

|                             |   |                                 |   |
|-----------------------------|---|---------------------------------|---|
| <b>Appearance</b>           | Amber, translucent fluid - slightly viscous | <b>Active Ingredients</b>       | Polyethylene wax (and) Non-ionic emulsifiers (and) Potassium Hydroxide. |
| <b>Odour</b>                | Mild  | <b>Stability in formulation</b> | Stable at pH 9.0 - 10.0   |
| <b>S.G. (at 20°C)</b>       | 0.995 - 0.997 g/cm <sup>3</sup>             | <b>% Active Content</b>         | 29 - 30%  |
| <b>Solubility</b>           | Soluble in Water                            | <b>Composition</b>              | Water-base, alkaline polyethylene wax emulsion                          |
| <b>pH (as manufactured)</b> | 9.5 - 10.5                                  |                                 |   |

This data does not constitute a specification - please see current "Certificate of Analysis".

#### MANUFACTURER/SUPPLIER

Ecwamix Chemical Systems (Pty) Ltd  
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#### SAFETY & HANDLING

Always consult the Material Safety Data Sheet before Use



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#### **FEATURES**

Dries to a bright, high gloss.  
Excellent abrasion & scuff resistance.  
Outstanding slip resistance.  
Excellent buffability.  
Resists marking.

#### **STORAGE**

At least 1 year at ambient conditions.  
At least 6 months at 40°C.

#### **PACKAGING**

**E-Wax HWE30 is available in**

25 Kg - HDPE BLOWPACK  
200 Kg - HDPE BLOWPACK  
1000 Kg - IBC (FLOBIN)

#### **DISCLAIMER / NON-WARRANTY**

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, Ecwamix Chemical Systems cc. disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.



#### **SAFETY & HANDLING**

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