

Redicote® E-620

Nonionic co-emulsifier and wetting agent for prime emulsion, dust control and rejuvenating oil emulsions

Benefits and features

- Penetrating power**
 Redicote E-620 is a non-ionic co-emulsifier specially designed to work with a primary emulsifier, such as Redicote E-11E, to give faster and deeper penetration of prime coat emulsions with harder to penetrate base materials
- Easy dispersion**
 The product is fully liquid, disperses very easily in water and is particularly suitable for in-line plants

Storage and handling

Redicote E-620 may be stored in carbon steel tanks. Bulk stores need not be heated. Protect against exposure to moisture, which can gel the product. Redicote E-620 is a concentrated surfactant and may cause irritation to skin and eyes. Protective goggles and gloves must be worn when handling this product.

For further information consult the Safety Data Sheet.

Packaging information

Redicote E-620 is available in bulk shipment, or in tight head steel drums of 420 lbs (190 kg) net weight.

Dosage

| | | |
|----------------|----------|---------------------------|
| Prime emulsion | 0.5-1.0% | no pH adjustment required |
|----------------|----------|---------------------------|

The product must be used with a primary emulsifier like Redicote E-11E (0.2-1.0%). The product may be used in cationic or anionic emulsions with suitable primary emulsifiers. In order to further improve the performance of prime coat emulsions 5-10% of bio-based solvents such as biodiesel or soya oil as well as high boiling petroleum-based materials can be used.

Specification

| | | |
|-----------------|---------|-----------|
| pH (1% aqueous) | 5-8 | KL 502.21 |
| Water, % | max 0.5 | KL 510.00 |

Physical properties

| | |
|---------------------------|---------------|
| Appearance at 25°C (77°F) | liquid |
| Flash point, °C | >100 (>212°F) |
| Pour point, °C | -15 (5°F) |

| | |
|--------------------------------------|------|
| Density, g/cc | 0.96 |
| Density, lbs/U.S. gal | 8.01 |
| Viscosity, mPa s (cP) at 20°C (68°F) | 50 |

Physical properties are typical data based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Contact us directly for detailed product information and sample request
website | nouryon.com/markets/asphalt
email | asphalt@nouryon.com

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However, Nouryon makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

Products mentioned are trademarks of Nouryon and registered in many countries.

nouryon.com