

Petro IPSA

Diisopropyl Naphthalene Sulfonic Acid

Anionic alkylaryl sulfonate secondary demulsifier additive for slug treaters

Characteristics

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|--------------------------------------|------------------------------------|
| Appearance | Viscous Liquid, Dark Amber at 25°C |
| Brookfield viscosity, 77°F | 4500 cps |
| Density | 8.2 Lbs/Gal at 25°C |
| Flash point | ≥93.3 C |
| Odor | Solvent |
| pH | ≤ 2 at 5% solution |
| Pour point | -7.8 °C |
| Relative Solubility Number | 16.9 |
| Water content | ≤ 6.0 % |
| Solubility: 10% in Aromatic 150 | Soluble |
| Solubility: 10% in Isopropyl Alcohol | Soluble |
| Solubility: 10% in Kerosene | Dispersible |
| Solubility: 10% in Water | Emulsion |
| Solubility: 10% in Xylene | Soluble |
| Solubility: 50% in Aromatic 150 | Soluble |
| Solubility: 50% in Isopropyl Alcohol | Soluble |
| Solubility: 50% in Kerosene | Soluble |
| Solubility: 50% in Water | Emulsion |
| Solubility: 50% in Xylene | Soluble |

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Applications

Witco Petro® IPSA is an alky naphthalene sulfonic acid. This product may be diluted and used in the acid form, or it may be neutralized prior to dilution and use. Typically, ammonia or an inexpensive amine is utilized to neutralize Petro® IPSA. Witco Petro® IPSA works by effectively neutralizing the strength of the natural emulsifying agent, allowing the finely dispersed water droplets to coalesce. As the tiny water droplets merge into progressively large and heavier drops, the water settles and the oil rapidly rises to the top. The result is a sharp, well-defined oil/water interface and bright, clean and marketable oil.

Additional information

Witco Petro® IPSA is one of Nouryon's high performance emulsion-breaker chemicals. Witco Petro® IPSA has been specifically developed to provide fast resolution of difficult bad oil and tank bottom emulsions. Witco Petro® IPSA displays exceptional performance in the removal of B.S., the reduction of sludge, the elimination of viscous oil/water interfaces, and the water-wetting of entrained solids. Its unique chemistry enables the intermediate to be blended by itself or with other demulsifier bases to achieve very specific applications for a wide variety of difficult to treat emulsions. Finished formulations may be used in the treatment of tank bottoms, waste oils, low gravity crudes and high solids emulsions.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.