

SULFAMET

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Technical Data Sheet

Diocetyl Phthalate

Molecular Formula: C₂₄H₃₈O₄

Properties

Colorless oily liquid, specific weight 0.9861 (20/20), -55 melting point, boiling point 370 (pressure), does not dissolve in water, soluble in ethanol, ether, mineral oil, most of the organic solvents

Specifications

Appearance - Transparent Oily Liquid

Color (APHA) ≤ 30

Ester % 99.5

Acidity (With benzene dicarbonic acid) g/cm³: 0.010

Loss on dry (125oC3hr) % ≤ 0.20

Moisture % ≤ 0.10

Flash Point (open) oC ≥ 0.1%

Product Description

It is one of the most extensively used plasticizers in plastics processing. It has comprehensive properties, such as high plasticizing efficiency, low volatility, UV-resisting property, water-extracting proof, cold-resisting property, and also good softness and electric property. As a fine main plasticizer, it is extensively used in processing polyvinyl chloride and ethylcellulose resins to produce plastic film, imitation leather, electric wire, cable wearer, sheet, planet, mould plastic products and. Used in nitrocellulose paints, it can make the ethylcellu lose more elastic and more strong in extracting tension. It can be used as a softening agent of synthetic rubber, such as to make the product easier to rebound and harder to undergo form change under pressure, without affecting of the plastics.

Packaging

It's packed in the closed metal bucket of 200 liters, net weight 180 kg/drum