



PLASTISER

Range of sulphated oils

Quimser has been manufacturing PLASTISER (turkey castor oil, sulphated castor oil) for 25 years, a high quality product with an excellent chemical performance. In 2018 we registered our range of sulphated oils at ECHA (European Agency of Chemical Products), according to the objectives of REACH for the development of more sustainable chemical products.

Properties

Plastiser is an odorless and tasteless viscous liquid that can be used as a softener, wetting agent, detergent, levelling agent, dispersant, emulsifier, plasticizer, surface tension modifier, stabilizer, solubilizer, etc. In water baths, it emulsifies other oils such as essential oils or perfumes. The surface of the resulting emulsion remains free of residues. PLASTISER is compatible with a wide range of products and it is stable in an extensive margin of pH.

Key points

PLASTISER is readily biodegradable, therefore it has a low environmental impact. It is a real vegetable-based alternative to petrochemicals, with no fluctuating price. Thanks to its softness, PLASTISER is specially indicated for the formulation of personal care and hygiene products. It offers excellent properties of emulsion, lubrication and solubilization.

Applications

- In the paper industry as antifoam.
- Paper currency, in cleaning of security documents.
- In the textile sector as softener, wetting agent and detergent for scouring wool and cotton and a levelling agent and dispersant in dyeing.
- Paints, inks and coating as pigment dispersant, emulsifier, lubricant and stabilizer.
- For lubricant in the manufacture of cutting oils (drilling).
- In the leather industry it is used as a fatliquor for light color leathers, suede and calf uppers.
- Disinfectants as an emulsifier and solubilizer.
- As emulsifier in industrial cleaning.
- In the manufacture of gel and bar soaps for personal hygiene.
- In the industries of wood, varnishes, preserving agents, oils, etc.
- In the industry of acrylic and polyurethane resin polymerization, as plasticizer and emulsifier.
- In agriculture as organic manure.
- Automotive industry, in the manufacture of vehicle maintenance products.



Chemical products since 1966

PLASTISER SULPHATED OILS

PRODUCT	CHEMICAL COMPOSITION	APPEARENCE	pH 10%	%SO3 COMBINATED	%H2O	VISCOSITY 20°C (cSt)
PLASTISERS RS	Sulphated castor oil, sodium salt	Amber clear fluid	6,5 - 7,5	Min. 4	24 - 26	400-600
PLASTISER RS-40	Sulphated castor oil, sodium salt	Amber clear viscous fluid	6,5 - 7,5	Min. 2	56,68	100-200
PLASTISER C-2	Vegetable sulphated oil	Amber clear fluid	7 - 8	3 - 4	3 - 4	> 1300
PLASTISER C-25	Vegetable sulphated oil	Amber clear fluid	7 - 8	3 - 4	24 - 26	> 1300
PLASTISER RA	Sulphated castor oil, amonium salt	Amber clear fluid	7 - 8	Min. 4,5	19 - 21	200-400
PLASTISER C-75	Sulphated rape-seed oil, amonium salt	Amber clear viscous fluid	7 - 8	Min. 3,75	24 - 26	600-1300



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