



PLASTISER RS

Vegetable sulphated oil



Leather chemicals since 1966

CHEMICAL NATURE

Sulphated castor oil, sodium salt. Also known as Red castor oil or Red turkey oil.

TECHNICAL DATA

Chemical composition	Sulphated castor oil, sodium salt
Appearance	Amber clear fluid
pH 10%	6,5 - 7,5
%SO ₃ combined	Mín. 3,5
%H ₂ O	24 - 26
Solubility	Miscible in water, milky appearance

PROPERTIES

- ✓ As a dispersant (pigments, dyes, soil, starches).
- ✓ As a lubricant.
- ✓ As a softener.
- ✓ In suspensions (carrier).
- ✓ As a plasticizer.
- ✓ As antifoam.



COSMOS
APPROVED



Raw material verified
by ECOCERT GREENLIFE,
conform to the COSMOS Standard



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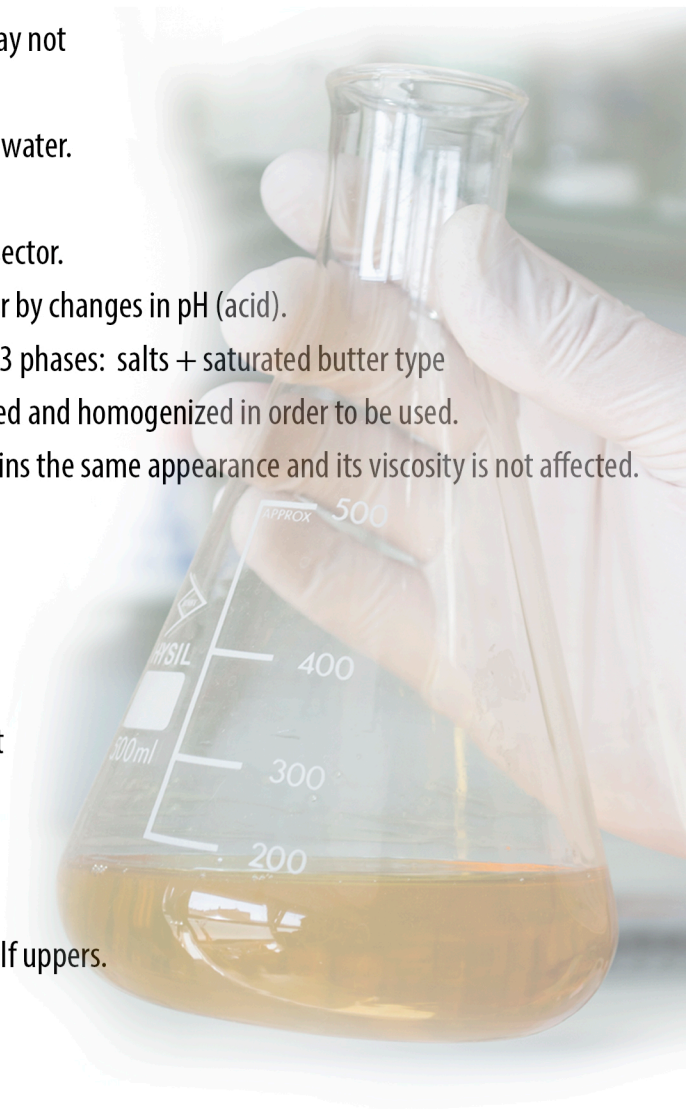
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CHARACTERISTICS

- ✓ REACH certificate as producer.
 - ✓ Vegetable oil soluble in water. 75% active matter; remaining 25% may not interfere in solvent systems or in crude oils.
 - ✓ It contains surfactants to stabilize the oil and make it more soluble in water.
 - ✓ 100 % biodegradable and 100% natural.
 - ✓ It does not contain any synthetic product or limitations of use in any sector.
 - ✓ It can be easily separated in wastewater for flocculants / coagulants or by changes in pH (acid).
 - ✓ At room temperature, vegetable sulphated oils can be separated into 3 phases: salts + saturated butter type + liquid part. This makes them difficult to handle and have to be heated and homogenized in order to be used.
- PLASTISER RS does not freeze, separate or bleach from 0-5°. It maintains the same appearance and its viscosity is not affected.

APPLICATION AREAS

- ✓ Textiles 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 stabiliser.
- ✓ In the paper industry as antifoam
- ✓ For lubricant in the manufacture of cutting oils (drilling).
- ✓ Leather used in fat liquoring for light colours leathers, suede and calf uppers.
- ✓ Disinfectants as an emulsifier and solubiliser.
- ✓ 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.



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Quimser complies with the European standards.

All data and recommendations herein are accurate at the time of publication. QUIMSER S.A. reserves the right to modify them without notice.

Work conditions and type of rawmaterial can effect the final results. It is the responsibility of the user to apply the recommendations to the actual conditions and particular purpose.