



Leather chemicals since 1966



# PLASTISER RS-N

## Vegetable sulphated oil



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### 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 <sub>3</sub> combined	Min. 4
%H <sub>2</sub> O	24 - 26
Viscosity 20°C (cSt)	400 - 600
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



ISO 9001  
BUREAU VERITAS  
Certification





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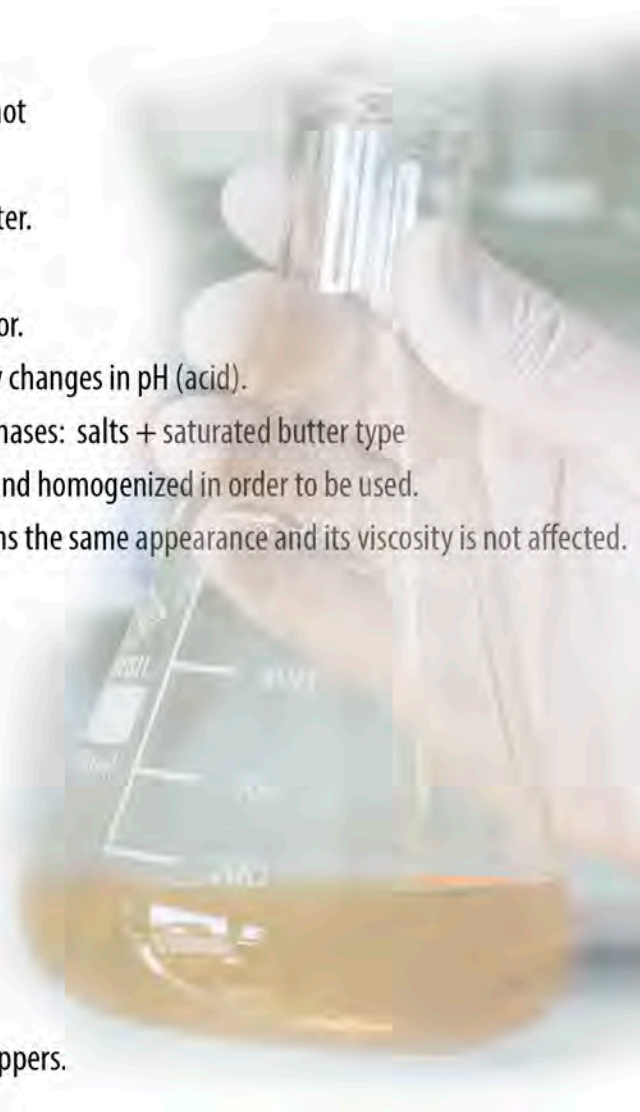
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### CHARACTERISTICS

- ✓ 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-N 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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