



**Industrial
Oleochemical
Products**

PRODUCT DATA SHEET

317 Chamberlain Road, Jacobs, South Africa, 4026
Tel: +27 (0) 31 461 8680 Fax : +27 (0) 31 461 3743
Website: www.oleo.co.za Email: info@oleo.co.za

OleoProp DR50-KS

Potassium (+) soap of Disproportionated tall oil rosin

OleoProp DR-50KS is a potassium soap of disproportionated rosin used as a stabilized emulsifier in the emulsion polymerization process for the manufacture of styrene-butadiene rubber. The softening point of the rosin on OleoProp DR-50KS (50°C) provides improved fluidity of the product and greater tack imparted to the rubber.

Physical Properties

Property	Description
Appearance @30 °C	Clear amber liquid
Non-volatile content, (%)	78 - 83
Acid value (mgKOH/g)	18 - 22
Colour, (Gardner)	8 Max.
Abietic acid content, (%)	0.50 Max.

Applications

SBR polymerization
emulsifier

Lubricants

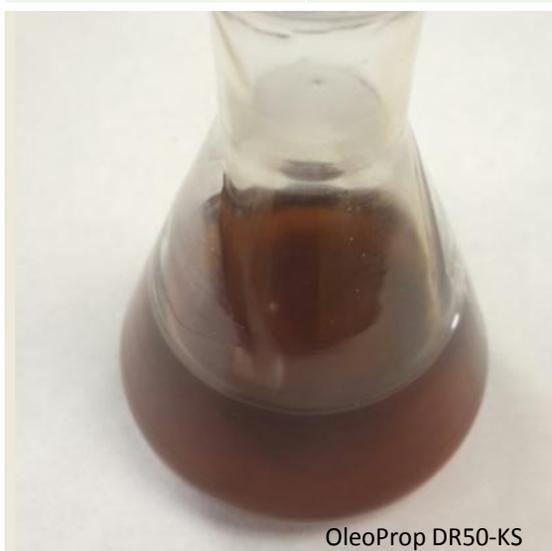
Personal Protective Equipment



Always handle OleoProp product in accordance with the safety data sheet (SDS) and proper safety procedures.

Useful Product Information

CAS Number	61790-50-9
EC Number	263-142-4
HS Code	-
Flash Point, (°C)	230
Melting Point, (°C)	Approx. 30
Specific gravity, 25/25°C	Approx. 1.05
Solubility	Soluble in hot water. Soluble in polar alcohols



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Feature & Benefits

Synthetic rubber manufacturers using emulsion polymerization to produce styrene-butadiene rubber (SBR) optionally choose a twin-pack emulsifier system comprising:

- i) partially hydrogenated tallow fatty acids
- ii) disproportionated rosin

OleoProp DR50-KS is ready for use saponified soap of disproportionated rosin. It avoids the need to break the drums, crush rosin, melting and saponification process.

Product Packaging

Pallet: 186kgs x 4 and plastic shrink wrapped
Bulk loads ~ 23000 tons - ~32000 tons per load

Other SBR Polymerization Emulsifiers

OleoProp SA30-L, OleoProp DR50KS, OleoProp 900



Handling:	Ensure the use of personal protective equipment (see SDS Section 8) Handle and open container with care. Keep away from heat and sources of ignition. The material is combustible but not classified as flammable. Wash thoroughly after handling. Do not eat and drink or smoke while handling this material.
Storage:	Store in original containers and keep containers tightly closed until ready for use. Store in a cool, dry, well-ventilated place. Note that storage under cool conditions may cause separation of saturated fatty acids components which may cause an increase in viscosity and render the product opaque
Incompatible materials:	Tall oil in contact with un-lined mild steel containers or pipes can result in slow corrosion, depending upon the length of exposure, Darkening of the material may also occur.

Disclaimer

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