

# PRODUCT DATA

## React SRF Racing

### PRODUCT DESCRIPTION

**Castrol React SRF Racing** brake fluid is a high performance brake fluid of special value in competitive motorsport where extreme braking conditions are encountered. It has been especially formulated to maximize braking performance under arduous competitive conditions. In order to achieve the optimum benefits in such applications, patented silicon ester materials have been employed in a unique Castrol formulation. As result of its unique properties and to maintain excellent vapour lock and corrosion protection, we strongly recommend that **Castrol React SRF Racing** be drained and refilled at least every eighteen (18) months.

### PRODUCT APPLICATION

**Castrol React SRF Racing** is suitable for all disc and drum brake systems used in motorsport with the exception of those for which a mineral oil is prescribed. It complies with the requirements of the following specification:

- US FMVSS 116 DOT 3 and DOT 4.
- SAE J1703.
- ISO 4925.
- Australian Standard 1960 Grade 3

### PRODUCT FEATURES & BENEFITS

1. Race Proven: Widely used in racing, from Formula One, sports cars, V8 Supercar and Grand Prix and Superbike motorcycles.
2. High Boiling Point: The exceptionally high dry boiling point (higher than 300°C) makes **Castrol React SRF Racing** ideal for use under arduous braking conditions such as rallying or racing. **Castrol React SRF Racing** exceeds the boiling point requirements of DOT 5 brake fluids.
3. High Vapour Lock Point: **Castrol React SRF Racing** has a very high vapour lock point (the more important measure of high temperature performance under actual braking conditions) and has the additional advantage of sustaining high vapour lock point characteristics during its service life.
4. Compressibility: The compressibility of **Castrol React SRF Racing** is very similar to that of current DOT 3 and DOT 4 fluids. It can therefore be filled into any braking system used in motor sport with the exception of those for which a mineral oil is prescribed. It gives a "hard pedal" feel.



5. Miscibility: **Castrol React SRF Racing** is miscible with all conventional fluids meeting the US Federal Standards FMVSS 116 DOT 3, DOT 4 and DOT 5.1, ISO 4925 and current SAE J1703. The miscibility of **Castrol React SRF Racing** with conventional brake fluids means changing the brake system to Castrol SRF is easy. Drain and flush out the conventional brake fluid with Castrol SRF then top up the system with **Castrol React SRF Racing**. Although **Castrol React SRF Racing** is miscible with conventional brake fluids, topping up **Castrol React SRF Racing** with conventional brake fluids will reduce the benefits of the product.
6. Compatibility: **Castrol React SRF Racing** is compatible with seal rubber and metal materials used in brake systems using conventional polyglycol brake fluids.
7. Bleeding: **Castrol React SRF Racing** is similar in viscosity to conventional brake fluids so is easy to bleed like conventional brake fluids.

## TYPICAL CHARACTERISTICS

Density @ 15°C	Dry Boiling Point °C	Wet Boiling Point °C	Viscosity @ 100°C (cSt)	Viscosity @ -40°C (cSt)
1.06	320	270	2.1	1200

## Warning

The following points should be observed when handling brake fluids:

- Keep out of reach of children.
- Ingestion of large quantities may cause nausea and diarrhoea.
- If splashed in the eyes, flood affected area with copious quantities of water for about 10 minutes. Seek medical advice immediately. Potential risk of transient stinging or redness if accidental eye contact occurs.
- Avoid contact with skin. Affected areas should be washed with mild soap and water.
- Dirt, grease and other foreign particles will effect the efficient operation of the brake system.
- To reduce the possibility of moisture absorption, brake fluids should be drawn directly from sealed containers, and these containers resealed immediately after use. Empty containers should be discarded and not re-used. Fluid held in partially empty containers that are dispensed through and resealed by a cap closure should be discarded after 12 months. A brake fluid of lower performance should not be mixed with **Castrol React SRF Racing**. If this occurs, the system should be drained and refilled with **Castrol React SRF Racing** as soon as possible, to provide the full protection of this advanced fluid.

**Castrol React SRF Racing** is considered non-hazardous according to Worksafe. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed. Castrol Material Safety Data sheets can be found at: [www.msds.castrol.com.au](http://www.msds.castrol.com.au) .

Castrol React SRF Racing  
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