



## Product Information

# SIN BRAKE FLUID

**Codes:** SINBF0005

**Issue:** January 2010

The ultimate Super DOT 4 high temperature brake fluid, offering better compatibility with system components compared to silicone or silicate ester type products. SIN Brake Fluid is a premium full synthetic polyalkylene glycol ether ester based brake fluid for long life and maximum performance.

### APPLICATION

Ideal for brake systems in high performance on-road vehicles and in all types of cars, trucks and motorcycles involved in all forms of competition including rally and circuit racing.

Penrite SIN Brake Fluid has been tried and tested in Australian conditions in many forms of motorsport including V8 Supercars and GT Race Cars.

### HOW TO USE IT

For best results, the following change intervals are recommended:

On-Road Use	12 months
Club Racing	6 months
High braking loads in extreme service competition	After each meeting

Do not mix with DOT 3 or silicone DOT 5 fluids. Do not use in vehicles with alloy cylinders or reservoirs that contain a high percentage of magnesium. Silicone type assembly compounds should not be used in conjunction with this product.

### CUSTOMER BENEFITS

- Excellent braking response due to high boiling point of fluid (600F).
- High wet boiling point ensures long term retention of fluid performance, even under the most severe conditions.
- Better performance in on-road use for life of fluid compared to conventional Super DOT 4 fluids.
- No need to change hoses and rubbers if upgrading from the original fluid as it is compatible with all common brake system materials.
- Compatible with DOT 5.1 (low temperature, non-silicone type).

### INDUSTRY SPECIFICATIONS

Penrite SIN Brake Fluid exceeds the performance requirements of:

AS/NZS 1960.1:1995 Class 3/280  
US FMVSS No 116 Super DOT 4  
SAE J1703

SAE J1704

## Typical Properties

Equilibrium Reflux Boiling Point (dry), °C (minimum)	310 (600F)
Equilibrium Reflux Boiling Point (wet), °C (typical)	198
Density at 20°C, kg/L	1.069
Viscosity, Kinematic, cSt	
at 100°C	2.60
at -40°C	1650
Colour	straw
pH	8.6

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### Environment, Health and Safety

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.  
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