



LIQUIDO DE FRENOS DOT 4

CAR MAINTENANCE

Description

DOT-4 is a special polyethylene glycol based product developed by **Repsol** for severe services and high performance vehicles. Recommended for high range vehicles and in all types of brake systems that require a product with this quality level. It should not be mixed with brake fluids of a different quality level or with used products; the liquid should be changed in the whole system.

Properties

- High boiling point: above 260° C.
- Prevents foam formation.
- High humidity absorption capacity in the circuit thanks to its high wet boiling point.
- Great thermal stability.
- Compatible with joints and seals, thus preventing fluid loss risks.
- Contains inhibitors that prevent corrosion of the metal components of the circuit.

Quality levels

- UNE 26-109-88
- INTA 1571-13-D
- FMVSS 116-DOT 4
- SAE J-1703
- ISO 4925

Technical characteristics

	UNIT	METHOD	VALUE
Appearance		Visual	Yellowish liquid
Water	Ppm	Karl-Fisher	Max. 2000
Density @ 20° C	g/cm ³	ASTM D 1298	1.02
Viscosity @ -40° C	cSt	ASTM D 445	Max. 1500
Viscosity @ 100° C	cSt	ASTM D 445	Min. 1.5
Boiling point	°C	ASTM D 1120	260
Wet boiling point	°C	SAE J 1704	175
pH value	-	ASTM D 1287	7 – 11.5
Sedimentation (144 h, -40°C)	-	FMVSS 116-DOT 4	Null

Available in

500ml bottle and 185kg drum.

■ Hazard identification

This product is harmful if swallowed.

■ Handling

Minimum precautions should be taken to avoid contact with the skin and eyes. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and Safety Hazards

Inhalation: No specific first aid measures are required.

Ingestion: Drink plenty of water immediately.

Contact with the skin: Wash thoroughly with water.

Eyes: Wash thoroughly with water.

General measures: Request medical assistance.

■ Fire-fighting measures

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Keep away from watercourses. Avoid dumping in drains and public channels.

Decontamination and cleaning: In case of large spills: Remove with inert absorbent material. Deposit in clean, dry cans. Rinse with water for final cleaning.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.

Technical data sheet for Lubricants. Review 4. August 2009.