



## BRAKE FLUID

# BRAVOIL™

### Technical Data Sheet

## ACTO 4

### PRODUCT DESCRIPTION:

ACTO 4 is a high-quality brake fluid that is made with high molecular weight polyalkylene glycol ethers and borate esters. It has a high boiling point and is designed to maintain a higher vapor lock point throughout its service life compared to conventional glycol ether-based fluids. It also contains inhibitors that prevent corrosion of metallic brake components and reduce oxidation at higher temperatures.

### APPLICATION:

ACTO 4 is a versatile brake fluid that can be used in vehicles with ABS braking systems and hydraulic clutch systems. It is suitable for a range of vehicles including passenger cars, commercial road transport, off-highway vehicles, agricultural tractors, and motorcycles. It meets the requirements of DOT 4, SAE J1704, and ISO 4925 Class 4 fluids and is compatible with high-quality DOT 3 and DOT 4 brake fluids. It is important to follow the vehicle manufacturer's guidelines for changing the brake fluid to ensure optimal performance.

### FEATURES & BENEFITS

- Excellent elastomer compatibility
- Assures a high degree of lubricating action on all moving components in the hydraulic brake circuit
- Extremely high wet and dry boiling points
- Excellent viscosity/temperature properties
- Excellent braking response due to high boiling point of fluid
- Highest thermal stability

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- FMVSS 116 DOT 3 and DOT 4
- SAE J 1703 and J 1704
- ISO 4925 (Classes 3 & 4)
- JIS K 2233

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ACTO 4
DRY ERBP, min	D1120	°C	>230
WET ERBP, min	D1120	°C	>155
Kinematic Viscosity @ 100C, min	D445	cSt	1.5
Kinematic Viscosity @ -40C	D445	cSt	<1800
pH	D1287	-	7-11.5

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with brake fluid may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used brake fluid in to drains or the environment. Dispose to an authorized collection point. For further information on Safety Guidelines please refer to MSDS available on our website [www.bravoil.ae](http://www.bravoil.ae)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.bravoil.ae](http://www.bravoil.ae)

### PROTECT THE ENVIRONMENT:

Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.