

# Product Data Sheet

## Mobil Antifreeze M Corrosion Inhibited Engine Coolant Concentrate

### Product Description

Mobil Antifreeze M is a high quality corrosion inhibited yellow/green ethylene glycol liquid for use in internal combustion engine cooling systems.

It meets the requirements of Mercedes Benz 325.0 and British Standard Specification for Corrosion inhibiting Engine Coolant Concentrate (Antifreeze) BS 6580:1992.

### Benefits

Mobil Antifreeze M offers the following benefits:

- Year round cooling system protection
- Suitable for both cast iron and light alloy engines
- Prevents sludge and deposits, rust and corrosion
- Compatible with all gaskets and hoses normally encountered
- High boiling points prevents product loss
- Heat exchange medium which protects against corrosion and damage
- Wide temperature range application
- Long service life reduces maintenance costs

### Application

Mobil Antifreeze M is based on a carefully balanced mixture of corrosion inhibitors. Mixing with different products can lead to loss of protection. It is therefore recommended that different brands of antifreeze should not be mixed.

One filling of a 25% solution (one part of Mobil Antifreeze M to three parts of water) in any normal leak-free cooling system gives protection for a whole season against frost damage from the lowest temperatures to be expected in the British Isles. It will also ensure free circulation in the cooling system down to minus 12°C thus allowing immediate starting without fear of over-heating.

The special inhibitors offer the greatest all round protection against rust and corrosion thereby preventing the formation of sludge and deposits in the cooling system and keeping it working efficiently. In some cases vehicle manufacturers may recommend a higher concentration which should be followed.

If either neat or diluted product has been spilled on any paint work wash it off immediately with copious amounts of water.

### Properties

Mobil Antifreeze M is formulated to specifically meet the requirements of the Mercedes Benz 325.0 antifreeze specification. It has a built in reserve alkalinity to ensure that corrosion protection is given for long periods even where there is contamination by acidic compounds during service.

British Standard BS 5117; 1985 describes methods for testing the corrosion inhibition performance of antifreeze solutions.

## Health and Safety

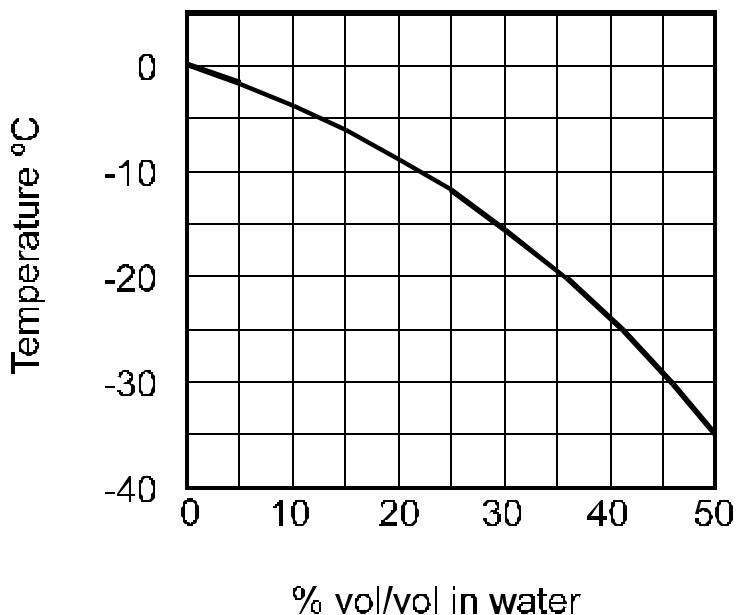
Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

## Typical Characteristics

<b>Mobil Antifreeze M</b>	
Viscosity, cSt at 40°C	30
Flash Point, °C (IP 36/ASTM D92)	120
Pour Point, °C	-16
Boiling Point, °C	150
Density 15/4 °C	1.133
Solubility in Water	Complete



Due to continual product research and development, the information contained herein is subject to change without notice.

**Mobil Oil Company Limited**  
Acting as Agent for Mobil Lubricants UK Limited  
ExxonMobil House, Ermyn Way  
Leatherhead, Surrey, KT22 8UX  
Telephone: 01372 22 2000

