



# TEXACO TEXCOOL<sup>®</sup> P-200 SERIES

## P 200, P 205

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### CPS 227940 (MSDS 10700)

#### TEXACO TEXCOOL<sup>®</sup> P 200

Texaco Texcool P 200 is a superior quality, single phase, propylene glycol (USP) based product. It is a silicate free coolant designed for use in the immersion or spray freezing equipment of packaged poultry or wrapped meat under the Federal Meat and Poultry Products Inspection Program. Texaco Texcool P 200 must be used in a manner which prevents direct or indirect contamination of edible products in official establishments operating under the Federal Meat and Poultry Products Inspection Program.

### CPS 227972 (MSDS 10715)

#### TEXACO TEXCOOL<sup>®</sup> P 205

Texaco Texcool P 205 is a 50 volume % mixture of Texaco Texcool P 200 and 50 volume % deionized water.

### PRODUCT APPLICATION

Texaco Texcool P 200 is an inhibited propylene glycol (USP) based product that is used as an industrial coolant and heat transfer agent. In non-USDA applications, Texaco Texcool P 200 may be used in applications where incidental contact with food is possible. This product is not intended for use as a food component or additive. The inhibitor system is designed to protect brass, copper, solder, steel, cast iron, aluminum, and other metals commonly found in industrial cooling and heating systems. A foam inhibitor is included to minimize foaming tendencies during service.

Extensive laboratory simulated service and actual service tests have proven the effectiveness of Texaco Texcool P 200 coolant in preventing corrosion. Use of Texaco Texcool P 200 coolant for heat transfer applications in place of brine solutions or uninhibited glycol-water solutions lowers maintenance costs and improved heat transfer.

### PRODUCT DESCRIPTION AND FEATURES

Texaco Texcool P 200 is a single phase, propylene glycol (USP) based product blended with a premium quality additive package. It is a silicate free coolant designed and approved for use in immersion or spray freezing equipment of packaged poultry or meat under the Federal Meat and Poultry Products Inspection Program. Texaco Texcool P 200 should not be used for automotive or nonstationary heavy duty diesel applications. This product provides antifoam properties, and rust and corrosion protection for brass, copper, solder, steel and cast iron. It mixes readily with any clean tap water and is compatible with cooling system filters and supplemental additives.

Texaco Texcool P 200 is free of nitrites and amines.

### BENEFITS

In service Texaco Texcool P 200 provides:

- Silicate free
- Excellent heat transfer properties
- Superior corrosion protection for brass, copper, solder, steel and cast iron
- Nitrite-free, amine-free
- Mixes readily with clean tap water
- 100% biodegradable in its pure unused form

### PRODUCT RECOMMENDATIONS AND APPROVALS

Texaco Texcool P 200 meets the requirements of the U.S. Department of Agriculture (USDA) for use in the immersion or spray freezing equipment of packaged poultry or wrapped meat under the Federal Meat and Poultry Products Inspection Program.

## PRODUCT MAINTENANCE

### Recommended Dilutions for Texaco Texcool P 200

Boiling Protection, °C(°F) (15 lb pressure cap) 50% (1 part antifreeze/1 part water)	126.7(260)
Freezing Protection, °C(°F) 30% (3 parts antifreeze/7 parts water)	-13.9(+7)
40% (2 parts antifreeze/3 parts water)	-21.6(-7)
50% (1 part antifreeze/1 part water)	-32.7(-27)
60% (3 parts antifreeze/2 parts water)	-56.7(-70)

#### Notes

- For optimum year round protection against freezing, boiling and corrosion, a 50 percent Texaco Texcool P 200 solution (1 part antifreeze/1 part water) is recommended. For maximum protection against freezing in extremely cold areas, a 60 percent solution (3 parts antifreeze/2 parts water) can be used. Concentrations greater than 67 percent are not recommended.
- Always dispose of used coolant in accordance with local, state and federal guidelines.
- Because this product is silicate free, Texaco Texcool P 200 can be stored at least 5 years with no problem.

## TYPICAL TEST DATA

### Texaco Texcool P 200

CPS Number		227940
MSDS Number		10700
Appearance		Clear
Specific gravity 60/60°F		1.038
Freezing point, °C(°F) <sup>a</sup>	ASTM D 1177	-33(-27)
pH <sup>b</sup>	ASTM D 1287	10.0
Reserve alkalinity <sup>c</sup>	ASTM D 1121	12.0
Silicate, % <sup>d</sup>		None

a. 50 vol % aqueous solution

b. 1:2 dilution with water

c. as received

d. as anhydrous alkali metasilicate

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

## HANDLING PRACTICES

For information on the safe handling and use of these products, refer to their Material Safety Data Sheets. For more information and availability, call 1-866-688-8890