

# Super S Universal Antifreeze & Coolant



## TECHNICAL PRODUCT INFORMATION

### **Super S Universal Antifreeze & Coolant**

Super S Universal Antifreeze & Coolant is a premium quality antifreeze / coolant that is compatible with all automotive and light duty truck antifreeze / coolant products. In automobiles, this antifreeze should provide service life in excess of 5 years or 150,000 miles. It is ideal for initial fills, coolant change-outs or top-offs. Super S Universal Antifreeze & Coolant not only guards against freezing and boil-over, it also provides critical protection against corrosion forming on system components, including aluminum.

### **FEATURES/ BENEFITS**

- contains no phosphates, nitrates, borates, or silicates.
- protects all six standard metal alloys (iron, copper, brass, solder, aluminum, and steel) found in radiator systems
- will not cause turbidity, precipitation, or inhibitor effectiveness reduction
- Mixes with carboxylate-based coolants such as Dex-Cool or Texaco Extended life
- Also mixes with conventional coolants such as Prestone, Zerex, and Peak.
- For all makes and models of passenger cars and light duty trucks
- 5 years / 150,000 mile service life when used during complete drain and fill
- Excellent protection during high operating temperatures
- Protects against water pump cavitation
- Protects against corrosion
- Does not change color when added to existing fluid
- Contains a bitterant

### **RECOMMENDATIONS**

Super S Universal Antifreeze & Coolant is suitable for use where the following specifications are recommended:

ASTM D-3306 (Automotive Pre-diluted Coolant),  
D-4985 (HeavyDuty Pre-diluted Coolant), and  
D-6210 (Fully Formulated Pre-charged)

TMC RP 329 Type A/302A-1	SAE J1034, J1038	Case JIC-501, MS1710
Caterpillar EC-1, ELC	Chrysler MS 7170, MS 9769	Cummins 90T8-4, 3666132
Detroit Diesel 7SE298	Ford ESE-M97B44-A, ESE-M97B44-B, WSS-M97B51-A1	
Freightliner 48-22880	GM 1825M/1899M/6277M	John Deere H-5, 8650-5
Mack 014GS17004	Waukesha 4-19470	

### **APPLICATIONS**

Super S Universal Antifreeze & Coolant is recommended for all automotive and light duty truck cooling systems not requiring the use of SCA's, regardless of color.

### **SPECIAL HANDLING, NOTICES OR WARNINGS**

Take precaution when handling all chemicals. Specifically, the work place must be well ventilated and safety glasses should be worn at all times. Avoid skin contact. These products contain bitterant, which reduces the chance of accidental ingestion. The products are based on monoethylene glycol and should be kept away from children and animals to prevent exposure.

<b>TYPICAL CHARACTERISTICS</b>			
<b>Super S Universal Antifreeze &amp; Coolant</b>			
<i>Properties</i>	<i>Test Method ASTM D</i>	<i>Concentrate</i>	<i>50/50 Pre-diluted</i>
Appearance	Visual	Yellow	Yellow
Ash Content (% w/w)	1119	1.0 max	1.0 max
Freeze point as sold	1177	-84°F	-34°F
pH as sold	1287	10 - 11	10 - 11
Reserve Alkalinity (ml 0.1N HCL)	1121	4.0 min	4.0 min
Shelf Life (unused)	NA	2 years	2 years
Silicon as silicate (ppm - Max)	ICP	135	135
Specific Gravity (15.6°C)	1122	1.050 - 1.065	1.060 - 1.080

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing.

## PRODUCT NUMBERS

### Concentrate

SUS 285 6/1gal  
 SUS 285-55 55 gallon drum  
 SUS 28511 Bulk

### 50/50

SUS 286 6/1gal  
 SUS 285-50 55 gallon drum