

# DefendAL<sup>®</sup>



## Conventional Antifreeze/Coolant

DefendAL<sup>®</sup> Conventional Antifreeze/ Coolant is a virgin ethylene glycol-based fluid specially formulated to provide optimum performance in older cars and light duty trucks. Must add SCA for use in heavy duty applications.

- Low silicate conventional antifreeze/coolant
- Phosphate-free formulation for better compatibility
- Protection for 1 year/12,000 miles
- Meets or exceeds: ASTM D3306 and ASTM D4985 specifications, additional specifications on the back

### Available in:

#### Concentrate

Bulk #10213  
Totes #10212  
Drums #10214  
Cases #11163

#### 50/50 Premix

Bulk #10218  
Totes #10217  
Drums #10220  
Cases #11164

## DefendAL<sup>®</sup> Conventional Antifreeze/Coolant is your cooling system's best defense.

- Protects against corrosion of all cooling system metals, including aluminum
- Provides freeze and boil-over protection
- Phosphate-free with low silicates
- High-quality defoamer system, non-harmful to hoses, plastics or gaskets
- Compatible with major American brands of conventional antifreeze/coolants
- Formulated for use in older passenger cars and light duty trucks (1986 and older): Chrysler<sup>®</sup> and Ford<sup>®</sup> (2000 and older), and GM<sup>®</sup> (1995 and older)
- Must add SCA for use in heavy duty applications\*

\*Conventional formulation can be used with the addition of SCA (Supplemental Coolant Additives) in heavy duty vehicles. Consult your vehicle's owner's manual for recommendations. Chrysler<sup>®</sup>, Ford<sup>®</sup>, and GM<sup>®</sup> are registered trademarks of their respective corporations.

# DefendAL® Conventional Antifreeze/Coolant

Technical Information	Concentrate	50/50
Fluid Color	Green	Green
Density @ 68°F, lb/gal	9.31	8.95
pH (50v% solution)	10.4	10.4
Coolant Lifetime, miles (years)	12,000 (1)	12,000 (1)

FREEZE/BOIL PROTECTION CHART	% Cooling System Capacity	PROTECTION FROM	
		Freezing Down To	Boiling Up To*
	40	-13° F	+260° F
	50	-34° F	+265° F
*Using a 15 psi pressure cap			
	60	-62° F	+270° F

Shipping Information	Cases	Steel Drums	Totes
Package Quantity	3 x 1 Gallons	55 Gallons	275 Gallons
Package Dimensions	12.75" x 7.8" x 12"	23.5" x 34.5"	40" x 48" x 46"
Gross Container Weight - Concentrate	~29.6 Pounds	~548 Pounds	~2695 Pounds
Gross Container Weight - 50/50	~28.5 Pounds	~527 Pounds	~2591 Pounds
Gross Weight on Pallet - Concentrate	~2191 Pounds	~2255 Pounds	N/A
Gross Weight on Pallet - 50/50	~2108 Pounds	~2171 Pounds	N/A
Quantity Per Pallet	72	4	1
Pallet Dimensions	40" x 48" x 54.5"	48" x 48" x 39.4"	40" x 48" x 46"
Product Part Number - Concentrate	11163	10214	10212
Product Part Number - 50/50	11164	10220	10217
UPC Code - Concentrate	652138268441	652138100765	652138100772
UPC Code - 50/50	652138268465	652138100789	652138100796
UPC Case Code - Concentrate	652138101397	N/A	N/A
UPC Case Code - 50/50	652138101403	N/A	N/A
Weight Per Gallon - Concentrate	~9.3 Pounds	~9.3 Pounds	~9.3 Pounds
Weight Per Gallon - 50/50	~9 Pounds	~9 Pounds	~9 Pounds

**WARNING: REPRODUCTIVE HARM - WWW.P65WARNINGS.CA.GOV**

## DefendAL® Conventional

### Recommended for use in:

ASTM D3306  
ASTM D4985  
Chrysler MS-7170  
CNH MAT 3620 (87692740)  
EMD MI 1748F

GM 1825M  
GM 1899M  
GM 6038M  
GM B 040 1065

John Deere JDM H24B, C  
Mack GS17004  
Navistar CEMS B-1 Type I

SAE J1034  
SAE J1941  
TMC RP 302A  
TMC RP 302B

Always consult your vehicle's owner's manual for proper fluid removal and flushing procedures.



KOST USA, Inc. recommends to always properly dispose of spent coolant. Contact your state or local municipality for instructions on proper disposal to protect our environment. If a coolant spill occurs, call local authorities and ask for proper instruction on how to clean up the spill.



KOST® USA, Inc. is the Largest Family-Owned Manufacturer, Supplier and Marketer of Antifreeze, Glycols, and Functional Fluids in the United States. Founded in 1985, we are Headquartered in Cincinnati, OH. We Proudly Build our Customers Private Label Brands and our Oil & Gas brands through High-Performance Products and Superior Service, Primarily in the Automotive & Heavy Duty Aftermarket, as well as in the Oil & Gas Sector.

1-800-661-9391 | kostusa.com

