

DefendAL®



Enviro Heavy Duty Pre-Charged Antifreeze/Coolant

DefendAL® Enviro Heavy Duty Pre-Charged Antifreeze/Coolant is a premium quality conventional technology, virgin propylene glycol-based fluid. Specially formulated with additive technology designed to protect heavy duty engines and less-toxic propylene glycol, this product provides protection without an initial charge of SCAs. It's the cool - and safer - way to protect your engine.

- No initial charge of SCAs required - use DefendAL SCA to maintain fluid at recommended maintenance intervals.
- Contains nitrites for wet sleeve liner cavitation protection
- Meets or exceeds: ASTM D3306 and ASTM D6210
- Service life of 300,000 miles | 6,000 hours of offroad use*

**Fluid must be maintained using DefendAL SCA approximately every 30,000 miles.*

DefendAL® Heavy Duty Pre-Charge Antifreeze/Coolant is your cooling system's best defense.

- Less toxic formulation safer for children and wildlife
- Phosphate-free, low silicate heavy duty conventional technology
- Protects against corrosion of all typical cooling system metals, including aluminum
- Provides freeze and boilover protection
- High-quality defoamer system, nonharmful to hoses, plastics or gaskets

Available in:

Concentrate

Bulk #10295

Totes #10294

Drums #10296

50/50 Premix

Bulk #10298

Totes #10297

Drums #10808



a Recochem Company

DefendAL® Enviro Heavy Duty Pre-Charged Antifreeze/Coolant

Technical Information	Concentrate	50/50
Fluid Color	Fuchsia	Fuchsia
Density @ 68°F, lb/gal	8.7	9.0
pH (50v% solution)	10.6	10.5
Maintenance Interval, miles (hours)	30,000 (600)	30,000 (600)
Coolant Lifetime, miles (hours)	300,000 (6,000)	300,000 (6,000)

FREEZE/BOIL PROTECTION CHART <small>*Using a 15psi pressure cap</small>	% Cooling System Capacity	PROTECTION FROM	
		Freezing Down To	Boiling Up To†
	40	-5° F	+255° F
	50	-26° F	+259° F
	60	-55° F	+263° F

Shipping Information	Cases	Steel Drums	Totes
Package Quantity	N/A	55 Gallons	275 Gallons
Package Dimensions	N/A	23.5"D x 34.5"H	40" x 48" x 53"
Gross Container Weight - Concentrate	N/A	≈515 Pounds	≈2530 Pounds
Gross Container Weight - 50/50	N/A	≈530 Pounds	≈2600 Pounds
Gross Weight on Pallet - Concentrate	N/A	≈2123 Pounds	≈2530 Pounds
Gross Weight on Pallet - 50/50	N/A	≈2178 Pounds	≈2600 Pounds
Quantity Per Pallet	N/A	4	1
Pallet Dimensions	N/A	48" x 48" x 39.4"	40" x 48" x 53"
Product Part Number - Concentrate	N/A	10230	10223
Product Part Number - 50/50	N/A	10245	10235
UPC Code - Concentrate	N/A	652138100659	652138100666
UPC Code - 50/50	N/A	652138100673	652138100680
UPC Case Code - Concentrate	N/A	N/A	N/A
UPC Case Code - 50/50	N/A	N/A	N/A
Weight Per Gallon - Concentrate	N/A	≈8.7 Pounds	≈8.7 Pounds
Weight Per Gallon - 50/50	N/A	≈9 Pounds	≈9 Pounds

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

DefendAL®

Enviro Heavy Duty Pre-Charged

Recommended for use in:

ASTM D3306
ASTM D6210
BS 6580:2010
Buhler Versatile 86050054
CAT DEAC
CAT EC-1

CID-A-52624A
CNH MAT 3620 EG3, EG4
Cummins CES 14439
Cummins CES 14603
Daimler DBL 7700
Detroit Diesel 7SE298

Deutz H 0685-6: Class DQC CA-14
Ford ESE-M97B18-C
JCB STD00088
John Deere JDM H24A1, A2
MAN 324 Type N
MWM Deutz TR0199-99-2091

Navistar CEMS B-1 Type II
Navistar MPAPS MPAPS B-1 Type II
Perkins (CAT) SEBU7833-03
TMC RP 329
Volvo Coolant Requirements: Volvo Trucks

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

