

# DefendAL®



## SuperLow EV Coolant

DefendAL® SuperLow EV Coolant is especially designed to address the thermal needs of Fuel Cell Thermal Management Systems, where super low electrical conductivity is preferred. DefendAL® SuperLow EV Coolant offers a safe freeze protection down to -37°C, good heat transfer properties, and offers corrosion protection to metals used in the construction of fuel cell cooling systems.

- Low Electrical Conductivity
- Protects metals or alloys against corrosion
- Elastomer Compatibility
- Storage Stability

**Available in:**  
**50/50 Premix**  
Bulk #12994  
Drum #12998

### DefendAL® SuperLow EV Coolant is your cooling system's best defense.

- Super low electrical conductivity due to the presence non-ionic inhibitors.
- Protects copper, brass, Aluminum 319, Aluminum 3003, 304 stainless steel, 316 stainless steel from corrosion at high temperatures, up to 212°F.
- Compatible with number of automotive elastomers; VMQ, HNBR, EPM, EPDM and NBR.
- Shelf life of at least 12 months when stored in a sealed container at ambient environment.

# DefendAL® SuperLow EV Coolant

Technical Information	RTU
Electrical Conductivity	5.0 Maximum
pH (50v% solution)	5.0-6.0
Specific Gravity	1.060-1.080
Freeze Point (C°)	-32° (-37°)

FREEZE/BOIL PROTECTION CHART	% 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

\*Using a 15psi pressure cap

Shipping Information	Drums Poly/Steel
Package Quantity	55 Gallons
Package Dimensions	23.5"D x 34.5"H
Gross Container Weight - Concentrate	N/A
Gross Container Weight - 50/50	≈511/526 Pounds
Gross Weight on Pallet - Concentrate	N/A
Gross Weight on Pallet - 50/50	≈2108/2168 Pounds
Quantity Per Pallet	4
Pallet Dimensions	48" x 48" x 39.4"
Product Part Number - Concentrate	N/A
Product Part Number - 50/50	12998
UPC Code - Concentrate	N/A
UPC Code - 50/50	652138102721
UPC Case Code - Concentrate	N/A
UPC Case Code - 50/50	N/A
Weight Per Gallon - Concentrate	≈8.7 Pounds
Weight Per Gallon - 50/50	≈9 Pounds

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

## DefendAL® SuperLow EV

### Recommended for use in:

APHA 2510  
ASTM D1128

ASTM D1122  
ASTM D1123

ASTM D1177  
ASTM D1881

ASTM D3634  
ASTM D6130

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



KOST USA 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 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

