

# ARI Conventional

## Prediluted, 50/50 Universal Antifreeze/Coolant

### Industry Standards

This heavy-duty universal antifreeze/coolant meets the following industry specifications:

- ASTM D3306  
(automotive/light-duty)
- ASTM D4985  
(heavy-duty diesel/low silicate)
- TMC of ATA RP 302A\*

*\*The Maintenance Council of the American Trucking Assoc. Antifreeze also meets the non-phosphate requirements of European OEM's and non-silicate requirements of Japanese OEM's*

### Contact Information

Antifreeze Recycling Incorporated  
46991 Mindy Street #2  
Tea, SD. 57064  
1-888-328-9959  
[www.cleanandgreen.com](http://www.cleanandgreen.com)

Our Prediluted, 50/50 Universal Antifreeze/Coolant is ready to add to your vehicle cooling system for automotive, light duty and basic heavy-duty service; no further dilution is necessary. It contains a non-silicate, phosphate free, inhibitor package that provides excellent all metal protection, and yet it meets the heavy-duty requirements of the trucking industry (less than 0.0125% wt. silicon). A proprietary silicate-free corrosion inhibition system protects aluminum better than silicate without the problems of silica gel formation or silicate cloudiness. This formulation meets the requirements specified by ASTM D 4985 for heavy duty applications and ASTM D 3306 for automotive/light duty applications. In automobiles, light trucks, SUV's, vans and other light duty applications, this product can provide a service life in excess of 5 years or 150,000 miles.

This Prediluted Universal Antifreeze/Coolant will not affect engine or vehicle finishes, and is compatible with all major American brands of antifreeze and supplemental coolant additives (SCA). It will not adversely effect radiator hoses and contains a high quality defoamer, and additives to control scaling and disperse minor oil leakage.

#### PHYSICAL PROPERTIES

<b>Antifreeze Glycols</b>	mass %	48.0 min.
<b>Corrosion Inhibitors</b>	mass %	1.1
<b>Water</b>	mass %	49.0 max.
<b>Flash Point</b>	°F	None
<b>Weight per gallon at 60° F-16° C</b>	lbs.	8.9 min.
<b>Silicates</b>	mass %	< 250 ppm

% Antifreeze	Freezing Point		Boiling Point*	
	°F	°C	°F	°C
40%	-12 max	-24 max	260 min	126 min
50%	-34 max	-36 max	226 min	107 min
70%	-90 max	-67 max	270 min	135 min

*\*Boiling point shown using conventional 15 psi radiator cap.*

*Used antifreeze coolant in most states is not hazardous unless it contains more than 5 ppm of lead. We recommend that spent coolant never be disposed of by dumping into a storm sewer or onto the ground. Instead, contact your local municipality for instructions on where to and how to properly dispose of this coolant and protect our environment.*

## Prediluted, 50/50 Universal Antifreeze/Coolant

Characteristic	Specification	Company Typical	ASTM Method
<b>Chloride</b>	33 ppm, max.		D3634
<b>Specific gravity, 60/60°F</b>	1.065 min		D1122
<b>Boiling Point, 50% V/V</b>	226°F/107°C min.		D1120
<b>Freezing Point, 50% V/V</b>	-34°F/-37°C min.		D1177
<b>Effect on engine or vehicle finish</b>	No effect		--
<b>Ash content, mass %</b>	2.5 max.		D1119
<b>pH, 50% V/V</b>	7.5-11.0		D1287
<b>Reserve alkalinity*</b>	None specified	5 min.	D1121
<b>Water mass %</b>	None specified	49.0 max.	D1123
<b>Color</b>	Distinctive		--
<b>Effect on nonmetals</b>	No adverse effect		--
<b>Storage stability</b>	None specified	> 1 year	--
<b>Foaming</b>	150 ml vol., max. 5 sec. break, max.		D1881

*\*Reserve alkalinity (RA) is a term used to indicate the amount of alkaline inhibitors present in an antifreeze formulation. It is incorrect to relate a high RA with high-quality antifreeze. Present, state-of-the-art antifreeze formulations contain many new inhibitors which give added protection to certain metals but do not raise the RA numbers.*

The purchaser hereby waives all guarantees and warranties and all other liabilities, expressed or implied, arising by law or liabilities therefore, expressed or implied, arising by law or otherwise, including without limitation, all obligations and liabilities with respect to loss of use, revenue or profit, or indirect or consequential damages, and any implied warranty of fitness for a particular purpose or of merchantability, or that any information, data or products can be used without infringing patents of third parties. Purchaser agrees to limit its warranty to its customers so as not to increase WEBA Technology Corp's liability beyond that set forth herein and indemnifies and holds harmless WEBA Technology Corp from any liability.