

Alphacool article number: 18165

Alphacool Tec Protec is the ideal coolant for water cooling. It also serves as a lubricant for the pump which is present in every water circuit. The coolant also contains additives against algae and bacteria formation. It is an all-round carefree solution.

Tec Protec Ultra clear



- Best cooling capacity
- Lubricant for the pump
- Antibacterial
- With frost protection down to -10° C

We assume no responsibility for any typing errors.

Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Scope of delivery

1 x Canister with 5L cooling liquid

Data Ingredients

Osmose water	74,4 %
Ethylene Glycol	25 %
Ethylexanic acid	0,5 %
Borax pentahydrate	0,1 %
Boiling point	105° C
Freezing point	- 10°C
Color	Clear

Download Links

Product pics	https://www.alphacool.com/download/1019454_pics.zip
Safety data sheet	https://www.alphacool.com/download/ENG_safty_datasheet_18614_Alphacool_Tec_Protec.pdf

Packaging dimensions 1 unit

L x W x H	16,5 x 19,4 x 29 cm
Total weight	5,5 kg

Other data

Certification	CE, FC, RoHS
EAN	4250197186155
Customs number	3811900000

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Article text

Every water cooling system needs liquid to transport the heat. With Alphacool Tec Protect Ultra Clear coolant you get a finished mixture that can be used directly from the bottle. No further additives are necessary as all necessary additives are already included.

Important additives included

The additives contained in the product ensure that the surface tension of the water is reduced, which minimizes foam formation. Air bubbles in the loop are also dissolved quickly and their formation is already significantly reduced. Alphacool Tec Protect also protects against bacteria and algae formation in the loop and it is an ideal lubricant for water cooling pumps.

High-purity osmosis water

Tap water contains many substances that do not belong in a cooling loop: Lime, bacteria, viruses, fungal spores and chlorine, are often found and even deliberately mixed into the tap water in many countries. All substances that have no place in a cooling circuit and can quickly cause the coolant to spoil, which can lead to fungal growth and heavy deposits in the cooling circuit. The fine cooling channels of CPU and GPU coolers are especially affected by such deposits and growths very quickly. While coolers can be disassembled for cleaning, it is almost impossible to completely clean an affected radiator.

No limitations

Alphacool Tec Protect Ultra Clear is suitable for all materials that are usually integrated into a cooling loop of a water cooling system. These include materials such as copper, brass, nickel, chrome plating, aluminum, Acrylglas (PMMA), POM, PPS-GF40, PETG, acrylic, PVC and EPDM/PP. You must still never mix metals that are not compatible with each other.

With Alphacool Tec Protect Ultra Clear coolant, you get a finished mixture that can be used directly and without further additives.