

ALPINE® Frostschutz Scheibenklar Konzentrat

Citrus scent

Properties

ALPINE Frostschutz Scheibenklar Konzentrat prevents the windscreen washer system from freezing in the cold season and ensures good visibility through intensive cleaning action. Effortlessly removes grease and road salt residues without attacking car paint and rubber. **ALPINE Frostschutz Scheibenklar Konzentrat** is polycarbonate compatible and suitable for fan nozzles. Due to the insect remover it contains, the product can also be used as all-year windscreen washing concentrate. Mixing ratio in summer: approx. 50-100 ml concentrate to 1 ltr. water

ALPINE Frostschutz Scheibenklar Konzentrat is methanol-free and as a water-miscible liquid with a flash point above 21°C not subject to the regulations of the VbF.

Application notes

Add **ALPINE Frostschutz Scheibenklar Konzentrat** according to the temperatures or seasons and the mixing table in the windscreen washer system.

Make sure that the windscreen washer concentrate is mixed well with the water. By activating the system once or twice, the lines up to the spray nozzles can be rinsed water-free.

Service description

Ingredients:

- Alcohols
- Surfactants
- Preservation agents
- Dyes and fragrances

Mixing table		
Parts Alpine Frostschutz Scheibenklar Konzentrat	Water parts	Anti-frost up to:
2	1	-30°C
1	1	-20°C
1	2	-10°C

* meets the requirements of the OEM manufacturer.
The stated values may vary within the usual commercial range.

ALPINE® Frostschutz Scheibenklar Konzentrat

Technische Angaben / <i>technical specifications</i>			
Typische Kennwerte <i>typical Parameters</i>	Prüfmethode <i>test method</i>	Einheit <i>unit</i>	Frostschutz Scheibenklar Konzentrat
Aussehen <i>appearance</i>	visuell <i>visual</i>		blaue Lösung <i>blue liquid</i>
Geruch <i>odour</i>			citrus <i>citrus</i>
Dichte, 15°C <i>density, 15°C</i>	ASTM D 4052	g/cm ³	0,900 - 0,950
Gefrierpunkt (100% konz.) <i>freezing point (100% conc.)</i>	ASTM D 1177	°C	-60

Verzeichnis der Inhaltsstoffe nach Anhang VII, C gem. Verordnung (EG) Nr. 648/2004 <i>Ingredients register to Annex VII, C according to Regulation (EG) No 648/2004</i>				
IUPAC-Bezeichnung	CAS-Nr.	PH. Eur. Name	INCI-Bezeichnung	Konzentration
Ethanol	64-17-5	Alcoholum / ethanolum	ALCOHOL	> 10%
Wasser / Water	7732-18-5	AQUA	AQUA	> 10%
1,2-Ethandiol	107-21-1		GLYCOL	1 - 10%
Butanon / Butanone	78-93-3		MEK	0,1 - 1%
Propan-2-ol	67-63-0		ISOPROPYL ALCOHOL	0,1 - 1%
Alkohole C12-14, ethoxyliert, sulfatiert, Natriumsalze	68891-38-3			< 0,1%
Citral / 3,7-dimethylocta-2,6-dienal	5392-40-5		CITRAL	< 0,1%
Dipentene / 1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene	138-86-3			< 0,1%
Bronopol / 2-Brom-2-nitro-1,3-propandiol	52-51-7			< 0,1%
Terpineol	8000-41-7		TERPINEOL	< 0,1%
Parfüm / Perfume			PARFUM	< 0,1%
Farbstoff / Colourant				< 0,1%

* meets the requirements of the OEM manufacturer.
The stated values may vary within the usual commercial range.