



**PRODUCT DATA SHEET**  
**COOLANT ADDITIVE 8022**  
**SUPER CONCENTRATE OAT COLORLESS**

**Super concentrate OAT** is a nitrite-, amine-, phosphate-, silicate- and borate-free coolant additive based on ethylene glycol.

**Recommended Dosages:**

<b>OAT</b>	<b>15%</b>
<b>DM Water</b>	<b>85%</b>
<b>Dyes</b>	<b>-</b>

**Properties**

**Super concentrate OAT** gives outstanding protection against frost, corrosion and overheating in all modern engines. It effectively protects against corrosion and deposits in the cooling system with its vital parts, the coolant channels in the block and cylinder head, the radiator, the water pump and the heater core. Super concentrate OAT is miscible and compatible with other technology coolants.

**Super concentrate OAT must be diluted with water before**

**use.** The analysis of the water should not exceed the following

limits: Water hardness	0 - 3.6 mmol/l
Chloride Content	max. 100 ppm
Sulphate content	max. 100 ppm

**Chemical Nature**

Mono ethylene glycol with inhibitors

**Appearance**

Clear to opalescent liquid without solid contaminants

**Physical Data**

pH (undiluted) at 25°C	8.7 - 9.1	ASTM D1287
Reserve Alkalinity	26 - 36 ml	ASTM D1121 of 10 g
Water content	max. 13%	DIN 51 777-1
Density, 20°C	1.1625 - 1.1665 g/cm <sup>3</sup>	DIN 51 757-4
Refractive Index	1.435 - 1.439	DIN 51 423-2 at 20°C
Flash Point	> 120°C	DIN ISO 2592



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Quality Control	The above-listed data represent average values at the time of going to press of this Data Sheet. They are intended as a guide to facilitate handling and cannot be regarded as specified data. Specified product data are issued as a separate product specification.
Storage Stability	Super concentrate OAT has a shelf life of at least one year when Stored in originally closed, airtight containers at temperatures of a maximum 30 °C. Do not use galvanized containers for storage because they may corrode.
Safety	When using this product, the information and advice given in our Safety Data Sheet should be observed. Due attention should also be given to the precautions necessary for handling chemicals.
Note	<p>The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product.</p> <p>It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed</p>