

## MIRATEC HSA ECO 2

A high-quality additive concentrate for generating sustainable corrosion protection, for utilisation in cooling, geothermal systems, heat exchangers and other water-bearing systems.

### Description

MIRATEC HSA ECO 2 is a nitrite-free, amine-free, silicate-free, borate-free and phosphate-free concentrate, which has been based on the latest Organic Additive Technology (OAT) created from the premium automotive sector, and which has been developed in order to prevent all kinds of corrosion. Special additives were utilised in the formulation of MIRATEC HSA ECO 2, which in particular protect not only the usual composite metals, plastics and elastomers, rather also modern systems which are made of aluminium and aluminium alloys.

### Application

MIRATEC HSA ECO 2 should be metered out with 3-5% for the total volume of the system. If there is a system volume of 100 litres, then this will correspond to 3-5 litres of MIRATEC HSA ECO 2. The concentrate, which has been mixed in this manner, therefore fulfils the strict international standards of the ASTM D1384 test. The product has been manufactured, developed and filled in Germany under the QA management requirements for ISO/TS 16949:2002, as well as ISO 9001:2000.

### Advantages

- Optimal storage costs and transport costs
- Simple handling
- Comprehensive corrosion protection
- No precipitation
- Hard water compatibility
- Non-foaming
- Latest OAT base from the automotive industry (Organic Additive Technology)



## Typical characteristics

Property	Method	Unit	Value
Color		visual	gelblich
Density at 20 °C	ASTM D1122	g/ml	1.16
pH	ASTM D1287	-	9,7 - 10,5
Refractive index	-	-	1,41 - 1,42
Water content	ASTM D1123	%	< 40

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply ([www.rowe-oil.com](http://www.rowe-oil.com)).

