



KOROSIN FG

Anti-corrosion Additive

Product description:

KOROSIN FG is an anti-corrosion concentrate to fortify the anti-corrosion content of our product PEKASOL FG.

Product properties and applications:

KOROSIN FG is an advanced anti-corrosion mixture free from amines and nitrites. All ingredients are listed by FDA as food additive substances. KOROSIN FG is based on an aqueous solution of inhibiting salts. The usage concentration should be around 5%.

Only use sealant materials that are resistant to glycol.

Physical parameters:

Appearance:	clear liquid
Colour:	colourless
Density (20°C):	1.50 – 1,60 g/cm ³
Can be mixed with water:	in any ratio
Freezing point:	0°C
Storage stable:	12 months

Packaging:	Filling weight:	Filling volume:
Can	15 kg	10 litres
Can	45 kg	30 litres
Barrel	300 kg	200 litres
IBC	1.300 kg	850 litres



Corrosion data:

(at a concentration of approx. 2%)

Material	Wear data, values in mg / test piece	Permitted wear data
Copper	4	10
Soft Solder	1	30
Brass	1	10
Steel	0	10
Grey cast iron	10	10
Cast Aluminium	0	30

Analytics:

Please send a 0.5 litre sample of your brine to our service laboratory so that we can check the anti-corrosion content.

Safety notices:

When handling KOROSIN FG please observe the usual protective measures for handling chemicals. Please refer to the EU Safety Data Sheet according to 1907/2006/EG for more details and regulations.

Ecology and toxicology:

KOROSIN FG is not toxic and is biodegradable.

KOROSIN FG is not labelling reg. GHS

Water hazard class (WHC): 1, weak, water-polluting (according to VwVwS)

Shipping, storage and disposal:

KOROSIN FG is shipped in the containers listed above.

All containers are reusable.

Please empty the containers completely before returning them.

Frost-sensitive as of 0°C.

KOROSIN FG is storage stable for approx. 12 months.

Store in original containers in a dry place.

Avoid direct sunlight.

Please observe the applicable regulations on disposal.

**Calculation software:**

We provide calculation software on our homepage www.prokuehlsole.de for online use or for downloading to help you calculate the thermodynamic values of our cooling and heating media. Here you can also find all material and safety data sheets of our products.

Service and monitoring:

Please send us a sample of approx. 500 ml 4-6 weeks after the initial filling and then 1-2 annually for a free check. You will promptly receive an analysis report with the results and an appropriate assessment. This forms the basis of our guarantee. If required, we will gladly send you a sample bottle and a system record sheet.



Further products by pro KÜHLSOLE GmbH:

GLYKOSOL N

as an ethylen-glycol based heat medium in technical cooling and heating systems we recommend GLYKOSOL N.

®PEKASOLar 50

for solar plants and pure heating systems, we recommend ®PEKASOLar 50 on a propylene-glycol basis with thermostable anti-corrosion substances.

®PEKASOL 2000

as a coolant for food processing plants and technical cooling systems, we recommend ®PEKASOL 2000 based on organic salts.

®PEKASOL L

as a propylene-glycol based heat medium in combined cooling and heating systems in food processing plants we recommend ®PEKASOL L.

Technical advice:

If you would like to receive technical advice, please contact Tel: +49 2421 59196-0 our sales office. We will be glad to help. Our trade partners are also happy to advise you. We will gladly refer you to your responsible contact person.

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