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## **RAVENOL destilliertes Wasser (entionisiert)**

**RAVENOL Destilliertes Wasser** (deionised) is manufactured using the ion exchange process.

During this process, the water flows through a column filled with ion exchange resin. This has the ability to exchange its ions for the ions present in the water.

As the ion exchange resin cannot take up ions ad infinitum, it must be 'revitalized', that is to say, regenerated. This takes place using the commonly used regenerating agents sodium chloride (softening), hydrochloric acid (cation exchange) and sodium hydroxide (anion exchange).

The conductivity of the water flowing through is continuously automatically tested and the ion exchange system regulates itself automatically. An analysis of the deionised water takes place regularly through random samplings.

Important for application in vehicle batteries are the following specifications:

DIN 57 510 VDE-Certifications for accumulator and battery systems

DIN 43 530 Part 4 electrolyte accumulators and top-up water / water and top-up water for lead-acid batteries and alkaline batteries

### **Application Notes**

**RAVENOL Destilliertes Wasser** (deionised) is suitable for filling vehicle batteries, steam irons and aquariums (to reduce water hardness).

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All indicated data are approximate values and are subject to the commercial fluctuations.