

Desalination

1. What is the name of the special type of simple distillation used to purify sea water?

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2. Why is sea water a mixture?

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3. What equipment is needed for simple distillation of sea water?

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4. How does simple distillation of sea water take place?

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5. Why is this process not a good process for producing large volumes of water?

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6. When might desalination be carried out on a large scale?

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Water for Chemical Analysis

1. What is chemical analysis?

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2. What type of water should be used when analysing other chemicals?

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3. Is tap water pure? Why?

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4. What are precipitates?

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5. Why can using tap water affect the results of chemical analysis?

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6. What effects may using tap water have on the chemical analysis results?

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Making Potable Water

1. What is fresh water?

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2. What is an aquifer?

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3. What impurities does fresh water contain that makes it unsafe to drink?

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4. What is potable water?

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5. What happens in sedimentation?

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6. What happens in filtration?

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7. What happens in chlorination?

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8. Why can sedimentation, filtration or chlorination not be used to separate dissolved substances from fresh water?

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9. What process is used to separate dissolved salts from drinking water?

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