

Name \_\_\_\_\_

Date \_\_\_\_\_

# CHEMICAL DATA SHEET

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**Challenge:** Can you identify the mystery chemical?

Here is a table of properties for five chemicals.

<b>Chemical name</b>	<b>Appearance</b>	<b>Amount needed to saturate 50 ml of water</b>
<b>Sodium chloride</b>	<b>Small white grains</b>	14 grams
<b>Baking soda</b>	<b>Small white grains</b>	3 grams
<b>Epsom salts</b>	<b>Small white grains</b>	48 grams
<b>Citric acid</b>	<b>Small white grains</b>	60 grams
<b>Alum</b>	<b>Small white grains</b>	6 grams

Record your observations about the mystery chemical.

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The mystery chemical is \_\_\_\_\_