



# Carbon Dioxide Gas

## CO<sub>2</sub>

MASS	BOILING POINT	MELTING POINT	DENSITY
44.00g/mol	N/a	N/a	1562kg/m <sup>3</sup>

**PRECAUTIONS:**

When preparing solutions always wear appropriate PPE including eye protection and gloves. Always add acid to water (never water to acid). Use a fume cupboard. You should always carry out a risk assessment when using any chemicals. Follow all recommended safety procedures and adhere to the label instructions, hazard warnings and local legislations.

**RECIPES:**

React 2M hydrochloric acid on marble chips.

**EXPERIMENTS:**

Carbon Dioxide Gas can be used in the following experiments (scan or see website for details):



The Density of Carbon Dioxide



HARMFUL

**CONVERSIONS:**

- 1ml = 1 millilitre = 1cm<sup>3</sup> = 1/1000th Litre
- 1 Litre = 1dm<sup>3</sup> = 1000ml
- 1M = 1mol dm<sup>-3</sup> = 1 mol l<sup>-1</sup> = 1 mole per litre

**WATER:**

Distilled water should be used unless otherwise stated. Tap water is not suitable as it contains impurities.

Order your ingredients **24/7** at **SciChem.com**

