

CDC Institutional bleach disinfectant

Dilution label pack

1000 ppm target (~0.1%) is about 1:49 bleach to water.

Use cases & bottle math

1000 ppm (0.1%) disinfection

Ratio: 1:49 (product : water)

- 1 L canister !' Product 20 mL (0.68 oz) + Water 980 mL (33.14 oz)
- 32 oz bottle !' Product 18.9 mL (0.64 oz) + Water 927.4 mL (31.36 oz)

Notes: Use within 24 hours for best efficacy. Keep surfaces visibly wet for the labelled contact time.

Household guidance (5 tbsp/gal)

Ratio: 1:32 (product : water)

- 1 L canister !' Product 30.3 mL (1.02 oz) + Water 969.7 mL (32.79 oz)
- 32 oz bottle !' Product 28.7 mL (0.97 oz) + Water 917.7 mL (31.03 oz)

Notes: Use in well-ventilated areas and wear gloves.

Safety reminders

Avoid:

- Mixing with acids or ammonia
- Use on porous fabrics without testing

Caution:

- Ventilate the area and mix fresh daily.
- Label containers clearly to avoid accidental ingestion.

PPE:

- Gloves
- Eye protection
- Apron for splash-prone tasks

Contact / dwell time:

- Follow manufacturer label; many 1000 ppm solutions require "e1 minute wet contact.

Sources

- CDC disinfectant guidance for COVID-19

Last verified: 2024-05-20

<https://www.cdc.gov/infectioncontrol/guidelines/environmental/background/disinfection.html>

- CDC household cleaning and sanitizing with bleach

Last verified: 2024-05-20

<https://www.cdc.gov/disasters/bleach.html>

- CloroxPro bleach dilution chart

Last verified: 2024-04-15

<https://www.cloroxpro.com/resource/bleach-dilution-chart/>

Extra notices

- Never mix with acids or ammonia. Make fresh daily. Ventilate.

MixByParts is not affiliated with CDC. Ratios shown are from the manufacturer and/or authoritative guidelines; always verify on your bottle/TDS for your exact SKU.