

WCC YEARLY OVERVIEW



WELCOME

to the World Chlorine Council (WCC) overview of 2020, showing the news articles published over the past year for WCC's external stakeholders.

All these articles can be found on <https://worldchlorine.org/news/>, along with selected highlights from the WCC regions.

Information on COVID-19 from the World Chlorine Council – the role of chlorine chemistry

During these difficult times, chlorine chemistry has been called upon by authorities to help protect people and medical professionals around the world from the SARS-COV-2 'Coronavirus'.

The World Health Organisation has recommended using chlorine bleach to disinfect frequently touched surfaces. In addition, products made using chlorine chemistry (e.g. blood bags, medical tubing and face shields) are also [helping in the fight against the virus](#). To keep people and authorities informed, several useful information sources on COVID-19 are available from our members.

EUROPE – Cefic (European Chemical Association) has [an informative map](#) showing how Europe ensures that life-saving products get where they need to go;

INDIA – The Alkali Manufacturers Association of India is showing how

2020 news published

Information on COVID-19 from WCC [P.1](#)

Chlorine chemistry fights COVID-19 [P.2](#)

Sustainability Progress Report [P.3](#)

New water cistern posters [P.4](#)

WCC online Safety Seminar [P.5](#)

[chlorine chemistry can protect people from the virus.](#)

NORTH AMERICA – The American Chemistry Council's [Coronavirus Resource Centre](#) lists the efforts made by the US chemical industry to reduce the impact of COVID-19 – including [donations of life-saving bleach](#);

The Chlorine Institute [has resources to help keep producers safe](#) and informed;

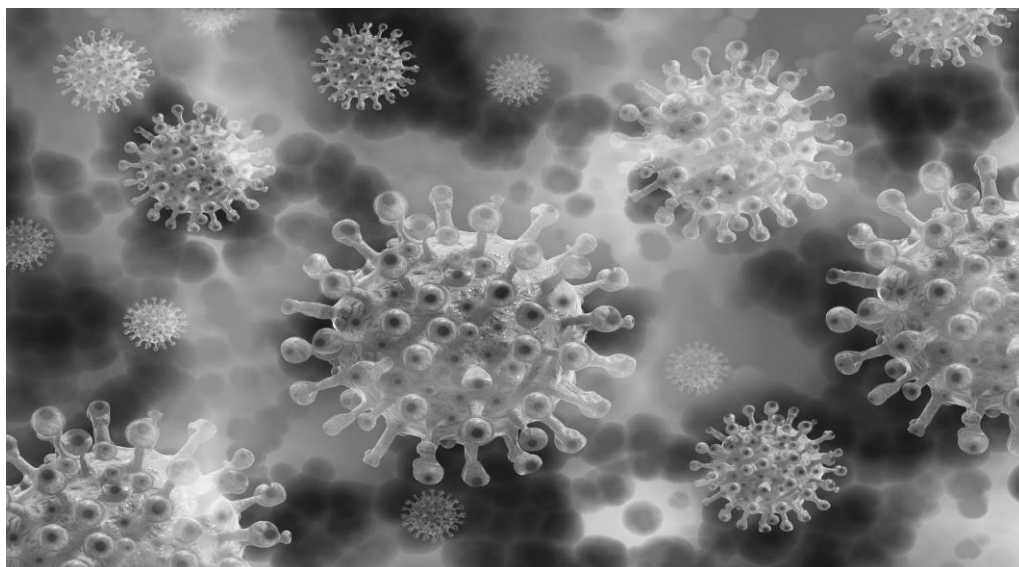
The Water Quality and Health Council has practical resources on how to [safely use chlorine to disinfect homes](#) and hospitals;

SOUTH AMERICA – Abiclor has pages dedicated to efforts in Brazil [to use chlorine chemistry to control the virus](#).

Published on 11 May 2020.

WCC goal: communications

Communicate the opportunities, progress, and the challenges facing chlor-alkali chemistry to our members and society.



The fight against coronavirus has a new ally... chlorine chemistry!

Chlorine chemistry is playing a vital role in controlling the outbreak of COVID-19 across the globe. The outbreak of Novel coronavirus, SARS-CoV-2, first identified in Wuhan, Hubei Province, China, has been declared a “public health emergency of international concern” by the [World Health Organization](#) (WHO). As of 3 February 2020, the WHO estimated that there were 17,238 confirmed cases in China with 361 deaths there and a further 153 confirmed cases in 23 other countries.

The US Centre for Disease Control, CDC, has [issued advice](#) to prevent the spread of the virus whose symptoms include fever, coughing and shortness of breath.

Many public health authorities, [such as the one in Belgium](#), are recommending cleaning all high-touch surfaces, bathrooms and

toilets every day, using “a diluted bleach solution or a household disinfectant of 1-part bleach to 99-parts water”.

In addition, chlor-alkali producers from around the world are [sending items made using chlorine chemistry](#) to help in the fight against the virus. Medical equipment such as polycarbonate face shields and sterile PVC tubing are protecting emergency personnel and helping people to recover from the virus.

Unfortunately, there are also [social media reports](#) suggesting that people drink bleach or chlorine dioxide solutions to ‘cure’ COVID-19. Medical experts from around the world and representatives of the [US Food and Drug Administration](#) strongly advise [against](#) consuming these chemicals as a treatment or preventative measure to combat COVID-19.

Published on 4 February 2020.

WCC goal: sustainability

Demonstrate and communicate the environmental, social, and economic contributions of chlor-alkali chemistry.

WCC goal: advocacy

Participate in key international, regulatory and policy fora to promote informed decision making by World Chlorine Council member organizations and key stakeholders.



Sustainability Progress Report

New report shows how global chlor-alkali activities help to meet Sustainable Development Goals

Chlor-alkali chemistry is essential to help achieve many of the [United Nation's Sustainable Development Goals \(SDGs\)](#). The 17 SDGs are at the heart of global efforts to build a better world for people and our planet by 2030. Adopted by all United Nations Member States in 2015, the SDGs are a call for action by all countries to promote prosperity whilst protecting the environment. As such, the World Chlorine Council (WCC), has prepared a [new report](#) that details how its members, and chlor-alkali chemistry in general, help to meet these important targets.

The new report discusses which SDGs are supported by chlor-alkali (chlorine and caustic soda/ potash) chemistry and is available from the WCC website. Further details can also be found at <https://worldchlorine.org/sustainability/>.

The WCC brings chlor-alkali experts together from around the globe to discuss, partner, and further global progress toward sustainability and achieve the SDGs, among many other topics.

Published on 29 September 2020.

WCC goal: active engagement

Maintain active engagement with our partners to share our knowledge, insights and perspectives.



The World Chlorine Council has partnered with Andrew Robertson, P.E. of [Water Engineers for the Americas](#) to produce a set of three, easy-to-use cistern disinfection posters.

The posters provide simple, pictogram directions for cleaning and disinfecting cisterns, which are vats used to collect and store drinking water in remote areas and developing countries.

The three posters provide stepwise instructions for cleaning and disinfecting cisterns using sodium hypochlorite (bleach), calcium hypochlorite (“HTH”), and sodium dichloroisocyanurate (“NaDCC”), respectively.

WCC Announces Free, Downloadable Cistern Disinfection Posters

Mr. Robertson, who volunteered his time to help develop the posters based on his extensive field experience, stated, “From hurricane relief to COVID, the need for emergency disinfection of household water supplies is now more acute than ever before. The instructional posters provided by the World Chlorine Council provide invaluable guidance to families in need, regardless of what language they speak”.

The posters may be downloaded for free [here](#).

Published on 5 June 2020.

CLEAN & DISINFECT WITH SODIUM DICHLOROISOCYANURATE (NaDCC)

WATER CISTERNS

IMPERIAL UNITS

- CLEAR ROOF & GUTTERS AND EMPTY CISTERN**
- MAKE DISINFECTING SOLUTION**

10 TEASPOONS NaDCC
5 GALLONS WATER
- USE DISINFECTING SOLUTION TO SCRUB CISTERN. RINSE WITH PLAIN WATER.**

30 MIN UNTIL DISSOLVED
- MAKE NEW SOLUTION, FILL CISTERN, ADD SOLUTION, AND LET SIT FOR 12 HOURS.**

3 CUPS NaDCC
2 1/2 GALLONS WATER
- EMPTY CISTERN**

DO NOT USE THE WATER
- REFILL CISTERN**
- MAKE NEW SOLUTION AND ADD TO CISTERN.**

1/2 TEASPOON NaDCC
1 GALLON WATER
- MONITOR TO ENSURE A CHLORINE RESIDUAL**

CHLORINE TEST STRIP

30 MIN

0 RUN UNTIL NO CHLORINE SMELL FROM WATER RUNNING OUT. FILL CISTERN.

WORLD chlorine council[®] download at www.worldchlorine.org/publications/

WCC goal: Safety

Promote the continuous improvement of safety, environment and health performance, progress and practices worldwide in chlor-alkali production, transportation and use.



WCC online Safety Seminar on 17-18 November

On 17-18 November 2020, the WCC Global Safety Team held its online Safety Seminar. The seminar contained several presentations from the members. In total, around 80 people from all global regions attended one or both events.

The Seminar included topics such as Jack Rabbit and the effect on the modelling of chlorine releases, the WCC Cardinal rules, accidental mixing, lessons learned, etc. The presentations have been sent to the participants in addition to the recordings from the sessions for onward distribution to those who could not attend. If you are interested in the [topics presented](#), please send an email to [Ton Manders](#), Euro Chlor Technical & Safety Director.

Published on 11 November 2020.

WCC Secretariat 2020

These are only a snapshot of WCC's activities carried out in 2020, which include an [issue brief on the risks of increased disinfection use](#), enhanced communications, continuous sharing of safety topics, as well as the monitoring of issues, SDGs and global POP conventions.

Contact Catherine Birkner at cab@cefic.be for more details.