

Zinc and Covid-19

The zinc industry is composed of a complex web of production, processing, and use manufacturing critical to maintaining and ensuring food supply; -end production of pharmaceuticals and medical equipment; and protecting essential transportation, energy, and public works infrastructure during the COVID crisis

Zinc is an essential trace element and plays an active role in the function of more enzymes and hormones and there are multiple clinical trials now underway looking at zinc efficacy for treating COVID. Zinc is also one of the most widespread micronutrient deficiencies worldwide. Zinc deficiency causes significant losses in crop production and crop quality, as well as reduced growth and feed conversion rates in livestock. As a result, access to zinc fertilizers and feed supplements are critical to food and nutrition security. Likewise, zinc is critical to the supply chain of medical devices now in dire need, including

- Defibrillators
- Artificial respiration devices
- Ionization units
- Air purifiers
- Portable oxygen supplies
- Inhalers
- Monitoring devices

- Artificial feeding pumps
- Infusion pumps
- Infusion stands
- Stethoscopes
- Hospital beds
- Batteries

As the world ramps up emergency production of these essential devices, access to zinc casting alloys and chemicals is critical. Zinc is also a critical component for protecting steel structures serving the transportation, energy, and public water infrastructure against corrosion. Zinc production operations are therefore required to ensure the continuous supply of this essential metal for these critical saving value chains in the health, food, infrastructure, and transport -and life sectors

Safety is a top priority for the zinc industry with its workers and communities response plans, including proactive measures. Companies have developed COVID measures consistent with current government guidelines to protect employees

These policies include social distancing while at work -against exposure to COVID
telecommuting for office workers. As a zinc production work, protective gear, and t
facility governed by occupational health and safety regulations, our employees
are already disciplined in proper hygiene and respiratory protection

To learn more about the essentiality of zinc

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