

Macro Roundup Article

Headline: [China Has Tamed the World's Most Powerful Explosive, Military Scientists Say](#)

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Publication	South China Morning Post
Publication Date	June 02, 2023

Tweet: Chinese researchers have significantly improved the safety of the world's most powerful explosive, which will enable the Chinese military to deploy CL-20 explosives in more ordnance. @SCMPNews

Summary: A Chinese research team said they have significantly improved the safety of the world's most powerful explosive by engineering a five-fold boost to its shock resistance capacity. The breakthrough could speed up the large-scale application of the explosive in battle, making Chinese weapons far superior in terms of destructive power, according to the scientists. CL-20 is the most deadly non-nuclear explosive in existence. When detonated, it can produce destructive shock waves with blast pressures many times higher than other common explosives like TNT and RDX. The mass production of CL-20 is extremely difficult. China is the only country so far to possess such industrial capability and has used the explosive in some of its newest weapons, according to a US Energetics Technology Centre study commissioned by the Pentagon in 2021.

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