

What is CDS?

<https://mmsforum.io/goto/mms/32541-bath-protocol-for-scabies-with-platinum-implant#61591>

26 October 2019 by CLO2

<https://mmsinfo.org>

"Thank you for your answer. I would like to use cds but looking the videos of Andreas, it take about 24 hrs to prepare cds."

A recent [YouTube video by Andreas Kalcker](#) on making 3000 ppm CDS (Chlorine Dioxide Solution) using MMS and 4% HCL was based on a paper I published on my website in 2015. A double infusion of reactor ingredients was necessary to achieve 3000 ppm CDS, which extended the processing time from 12 to 24 hours. Previously, MMS plus 10% HCL or 50% citric acid was required to make 3000 ppm CDS with a single infusion. Nowadays, most people only have (or need) 4% HCL MMS activator and no longer use (or need) 10% HCL or 50% citric acid, for many good reasons. I have since published another paper on my website titled "[Making 3000 ppm CDS Using MMS & 4% HCL: 24+ Hours Single Infusion Inside A Refrigerator](#)" which, as the title says, will produce 3000 ppm CDS using just one infusion. However, the time increases up to a maximum of 48 hours, depending on the reactor and receiver containers and recipe used. (CDH is made by combining MMS, 4% HCL & water in 1 bottle.)

"What do you mean will "contain some residual MMS and acid activator"? Is not CDS the mix of MMS and acid activator?"

CDS is the indirect product of mixing MMS and 4% HCL; Chlorine Dioxide gas (CLO₂) in water. When the two chemicals are mixed together in a reactor vessel, placed inside a larger vessel (the receiver container), CLO₂ gas transfers to the water in the receiver. Therefore, CDS is only CLO₂ gas in water and does not contain either of the two ingredients in the reactor, MMS or 4% HCL.

When making MMS1 or CDH, both MMS and 4% HCL (plus other by-products) are in the final product. MMS in MMS1 is about 10% activated while MMS in CDH is about 50% activated. Both rely on stomach acid to complete the activation of residual MMS. That is the reason for my two different CDS & CDH vs MMS1 equivalence [dosing charts](#). One chart for external use and one chart for ingestion.

CLO₂ gas just starting to outgas into water, creating CDS 48 hrs later. ↓

[Watch how-to-make CDH](#)



CDS +2 minutes in fridge. All solutions and containers were at room temperature. 360 ml filtered water + 18 ml 4% muriatic acid (new) + 18 ml MMS. 23feb'20 @1235 Receiver is 750 ml capacity. MMSinfo.org



Fridge CDS at +2 hours 23feb'20

Note: This is the 4% HCL single infusion method.



CDH