

Material Safety Data Sheet (MSDS)

D'Cal - Hard Water Conditioner

About D'Cal: D'Cal is a Hard Water Softener for Domestic purpose. It inhibits Calcium deposition on Taps, Tiles, Faucets, clothes, utensils, Washing Machines, Mirrors, etc, thereby increasing their life. It consist of reliable, slow soluble, food grade phosphate. It is easy way to protect water systems against scaling and corrosion. They require no Electricity, Installation and any maintenance.

Application: For Utility Water used in Houses for Bathing, Cleaning, Utility, Washing, etc and as pre-treated water for RO machines.

Technology: The system masks the calcium ions to become inert and makes them incapable of forming scales on Taps, fixtures, Tiles, etc using Proprietary Technology.

Compound: Phosphate Derived Compound (Water Soluble).

Test Method: 2 litres samples Water from overhead Tank containing D'Cal for 15 days was given for Testing Purpose

Test Results:

Test Data for safety standards for Hard Metals from D'Cal Hard Water Conditioner.

Sr. No	Item (Hard Metals)	Unit	WHO safety Standard for Hard Metals for Potable Water. ISBN 92 4 154696 4 (mg/L).	Test Results (Report of Indian Institute of Chemical Technology (IICT). ACMS/SANKALP/2018/198 Dated 09-03-2018	Conclusion
1	Arsenic (As)	mg/L	10	Below Detection Limit	Pass
2	Cadmium (Cd)	mg/L	3	Below Detection Limit	Pass
3	Chromium (Cr)	mg/L	50	.001	Pass
4	Lead (Pb)	mg/L	10	0.004	Pass
5	Silver (Ag)	mg/L	50	Below Detection Limit	Pass
6	Selenium (Se)	mg/L	40	.001	Pass
7	Mercury (Hg)	mg/L	6	Below Detection Limit	Pass

Test Summary:

As Per the World Health Organization (WHO) safety Standards for Hard Metals for Potable Water and Chemical Analysis Reports.	Pass
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Authorized Signatory