

**Table 1. Sodium Hydroxide and Sodium Carbonate levels in liquid detergent products (Teagasc, Oct, 2024).** Product names in order of decreasing caustic content.

<b>Product Name</b>	<b>% sodium hydroxide</b>	<b>% other alkaline</b>
AseptoActive*	36.0	
Hypral One	30.23	0.95
DM Clean Super (CF)	30.0	
Lely Astri-Lin	29.88	
Purchem Puresan	26.41	2.16
Cryosan CF	29.73	0.48
Fullwood AMS cleaner	29.36	
Evans	29.36	
Alkadex Forte (bulk tank)	29.32	
Deosan Liquid CIP	28.9	
Caustic wash UN1760	28.33	0.88
Timac CIP	28.08	
Cipsan Liquid CF	27.75	1.62
BFS XTreme-clean	27.71	2.03
CircoPure AFM	27.60	
Coop Source Turbosan CF	27.32	2.21
Universan CF	25.4	
Fourtress Dairy CIP	24.06	
Parlosan	25.85	4.12
Multisan CF	27.37	1.53
Fourtress Dairy CIP	24.06	
Octaklean (kersia)	24.00	2.49
Autoscan Blue Alkaline cleaner	18.22	3.9
Coolclean CF	23.45	2.79
Avalksan CF	23.18	2.23
Diversey CIP Cleaner	23.00	1.70
Dairy Eco Cleanse	22.36	
Quantum x L	22.33	
Aquasan	22.3	
Super-Sil	22.4	
Arkaline-LCF	21.84	2.74
Autosan Blue	20.93	
Caustic wash FD Plus UN1719	20.73	2.31
Cipton	20.73	
Liquid Detergent CF XT	19.8	
Altradet CF Purchem	20.39	1.96
CFD100 DeLaval	19.50	2.37
Dairymaster Liquid Gold CF	19.94	3.46
DM Clean Forte***	18.47	
Hypral SP	15.88	
Nadal	18.20	0.49
Alkalex CF	13.7	1.05
LIR AGRIC Hydra Mil	12.36	1.08
Sanagard	10.48	

Products without a reading for sodium carbonate have not been tested recently and figures will be added when they become available

**Table 2: Chemical content in chlorine-free powder detergent products (Teagasc, Oct, 2024).** Products names are listed in alphabetical order

<b>Product Name</b>	<b>Sodium Hydroxide</b>	<b>Other alkaline</b>
Alfasan Plus		
AseptoPowder	68.11	12.16
Altradet	64.78	22.60
BFS cold wash		
Biosan		
Cipsan Plus		
Circodine CF		
Clearway	49.43	19.36
Cold Clean Plus		
Cold wash Evans		
Cold wash agroserve		
Cryosan Plus		
Crystal Powder cold cleaner		
Dairygold cold circulation cleaner		
Dairy-clean plus		
Dairy Cold Wash		
Dairy-san **		
DeLaval RX5000	49.91	30.49
Deosan Farm Cold Cleaner		
DM Cid P		
Galvisan cold wash		
Hydrosan Plus		
Jet Star		
Chlorine-Free Kleen Top Hygiene		
Kilco Clearway		
Koldosan Super	41.9	8.61
Koldklene	70.12	15.32
Locount Extra		
LIR AGRI Daily Clean		
Metron powder		
Muller cold detergent		
Polarsan Plus		
Pulver A CF		
PureChem cold wash	74.28	16.92
PureChem hot wash**		
Superclean lowcount	69.42	15.36
Trisan Extra		
Turboclean		
Unisan powder	58.08	21.67

Products without a reading for sodium hydroxide or other alkaline have not been tested recently and figures will be added when they become available

**Table 3: Acid based cleaning products used for ‘one for all’ cleaning (Cleaning, sterilizing and \* descaling) of milking equipment (Teagasc, Oct , 2024).**

<b>Product Name</b>	<b>PCS number</b>	<b>Content</b>	<b>Distributor</b>
Divosan OSA-N	97240	Acid-Nitric, Glycolic, octanoic, octenylsuccinic	Diversey
Hypracid-One	98182	Acid-Methanesulfonic	Grassland Agro
CircoPure NSF	98557	Sulphuric acid, Methanesulphonic acid, Hydrogen	GEA
Octacid one	EU-0021020-0001 1-1.	Octanoic acid and methanesulfonic acid	Kersia