

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### CHD 25 : Soaps, Detergents and Surface Active Agents

Scope: a) To formulate Indian Standards for terminology, methods of sampling and test and specifications for soaps; other surface active agents including non-soapy detergents, wetting agents, emulsifying agents, Bio surfactants' including formulated and speciality products and glycerine; b) To co-ordinate with the work of ISO/TC 91 Surface Active Agents

Liaison: **ISO TC-91 (P): Surface active agents**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10513 : 1983 <i>Reviewed In : 2021</i>	Specification for sodium oleostearate, technical (Soap Noodles)	February, 2021	-	Indigenous
2	IS 10513 : 2024	Soap Noodles i½ Specification ( First Revision )		-	Indigenous
3	IS 10523 : 2014 <i>Reviewed In : 2019</i>	Baby toilet soap - Specification (First Revision)	July, 2019	-	Indigenous
4	IS 10536 : 2024	Castor Oleine and Castor Oleostearine â€” Specification (First Revision)		-	Indigenous
5	IS 10536 : 1983 <i>Reviewed In : 2021</i>	Specification for castor oleine and castor oleostearine	February, 2021	-	Indigenous
6	IS 1061 : 2017 <i>Reviewed In : 2021</i>	Disinfectant fluids, phenolic type - Specification (Fifth Revision)	October, 2021	2	Indigenous
7	IS/ISO 1066 : 1975 ISO 1066 :1975 <i>Reviewed In : 2021</i> ISO 1066	Analysis of soaps - Determination of glycerol content - Titrimetric method	February, 2021	-	Identical under single numbering
8	IS/ISO 1067 : 1974 ISO 1067 :1974 <i>Reviewed In : 2021</i> ISO 1067	Analysis of soaps - Determination of unsaponifiable, unsaponified and unsaponified saponifiable matter	February, 2021	-	Identical under single numbering
9	IS 10758 : 1983 <i>Reviewed In : 2022</i>	Specification for de - Odourizing - Cum - Disinfectant fluids	February, 2022	1	Indigenous
10	IS 10813 : 2022	SOAP JELLY FOR LAUNDRY PURPOSES â€” SPECIFICATION		-	Indigenous
11	IS 11303 : 2017 <i>Reviewed In : 2022</i>	Transparent toilet soap - Specification (First Revision)	February, 2022	1	Indigenous
12	IS 11479 (Part 1) : 2021	ANTIBACTERIAL TOILET SOAP - SPECIFICATION PART 1 SOLID CAKE (SECOND REVISION OF IS 11479)		-	Indigenous

13	IS 11479 (Part 2) : 2020	Antibacterial Toilet Soap — Specification Part 2 Liquid ( Second Revision )	-	1	Indigenous
14	IS 11601 : 2002 Reviewed In : 2019	Methods of safety evaluation of synthetic detergents - Tests for skin irritation and sensitization potential of synthetic detergents (First Revision)	February, 2019	1	Indigenous
15	IS 12030 : 2022	Semi-acid oil- Specification		-	Indigenous
16	IS 12031 : 2022	Soap Stock- Specification		-	Indigenous
17	IS 12039 : 2022	Spent Bleaching Earth- Specification		-	Indigenous
18	IS 12767 : 1989 Reviewed In : 2021	Liquid soap for cleaning painted surfaces - Specification	February, 2021	-	Indigenous
19	IS 12795 : 2020	Linear Alkyl Benzene — Specification ( First Revision )	-	-	Indigenous
20	IS 13370 : 1992 Reviewed In : 2024	Linear fatty alcohols for surface active agents - Specification	February, 2024	1	Indigenous
21	IS 13424 : 2001 Reviewed In : 2024	Safety evaluation of bathing bars and toilet soaps - Methods of test (First Revision)	February, 2024	1	Indigenous
22	IS 13498 : 2017 Reviewed In : 2022	Bathing bar - Specification (Second Revision)	February, 2022	1	Indigenous
23	IS 13760 : 2024	Toilet Cleaner, Acid-Based, Powder “ Specification (First Revision)		-	Indigenous
24	IS 13760 : 1993 Reviewed In : 2024	Toilet cleaner, powder - Specification	February, 2024	1	Indigenous
25	IS 13933 : 1995 Reviewed In : 2021	Method of test for ready biodegradability of surface active agents (Modified Sturm Test)	February, 2021	-	Indigenous
26	IS 14364 : 2024	Quaternary Ammonium Compound Based Surface Cleaner, Liquid ½ Specification ( First Revision )		-	Indigenous
27	IS 14364 : 1996 Reviewed In : 2019	Quaternary ammonium compound based surface cleaner, liquid - Specification	February, 2019	3	Indigenous
28	IS 15072 : 2002 Reviewed In : 2024	Sodium alpha olefin sulphonate for cosmetic, detergent and other industrial use - Specification	February, 2024	4	Indigenous
29	IS 15267 : 2003 Reviewed In : 2024	Zeolite detergent grade - Specification	February, 2024	-	Indigenous
30	IS 16151 : 2015 ISO 4319 : 1977 Reviewed In : 2021 ISO 4319	Surface active agents - Detergents for washing fabrics - Guide for comparative testing of performance	February, 2021	-	Identical under dual numbering
31	IS 16152 : 2014 ISO 4319 : 1977 Reviewed In : 2024 ISO 7535	Surface active agents - Detergents for domestic machine dishwashing - Guide for comparative testing of performance	February, 2024	-	Identical under dual numbering
32	IS 16153 : 2017 ISO 684 : 1974 Reviewed In : 2022	Analysis of soaps - Determination of total free alkali	February, 2022	-	Identical under dual numbering

	ISO 684				
33	IS 16829 : 2018 ISO 4325 : 1990 Reviewed In : 2023 ISO 4325	Soaps and Detergents - Determination of Chelating Agent Content - Titrimetric Method	October, 2023	-	Identical under dual numbering
34	IS 16830 : 2018 ISO 4317 : 2011 Reviewed In : 2023 ISO 4317	Surface - Active Agents and Detergents - Determination of Water Content - Kari Fischer Methods	October, 2023	-	Identical under dual numbering
35	IS 16831 : 2018 ISO 16560 : 2015 Reviewed In : 2023 ISO 16560	Surface Active Agents - Determination of Polyethylene Glycol Content in Nonionic Ethoxylated Surfactants - HPLC Method	October, 2023	-	Identical under dual numbering
36	IS 16896 (Part 1) : 2018 ISO 17293-1 : 2014 Reviewed In : 2023 ISO 17293-1	Surface active agents - Determination of chloroacetic acid (Chloroacetate) in surfactants: Part 1 HPLC method	October, 2023	-	Identical under dual numbering
37	IS 16896 (Part 2) : 2018 ISO 17293-2 : 2014 Reviewed In : 2023 ISO 17293-2	Surface active agents - Determination of chloroacetic acid (Chloroacetate) in surfactants: Part 2 ionic chromatographic method	October, 2023	-	Identical under dual numbering
38	IS 17054 (Part 1) : 2019 ISO 2871-1 : 2010 Reviewed In : 2024 ISO 2871-1	Surface active agents - Detergents - Determination of cationic - Active matter content: Part 1 high - Molecular - Mass cationic - Active matter	January, 2024	-	Identical under dual numbering
39	IS 17054 (Part 2) : 2019 ISO 2871-2 : 2010 Reviewed In : 2024 ISO 2871-2	Surface active agents - Detergents - Determination of cationic - Active matter content: Part 2 cationic - Active matter of low molecular mass (Between 200 And 500)	March, 2024	-	Identical under dual numbering
40	IS 17268 (Part 1) : 2019 ISO 4323 : 2018 Reviewed In : 2023 ISO 4323 -2018	Method of Tests for Soap Part 1 Determination of Chloride Content â€” Potentiometric Method	October, 2023	-	Identical under dual numbering
41	IS 17326 : 2020 ISO 2870 : 2009 2870	Surface Active Agents â€” Detergents â€” Determination of Anionic-Active Matter Hydrolysable and Non- Hydrolysable Under Acid Conditions		-	Identical under dual numbering
42	IS 17327 : 2020 ISO 19619 : 2018 19619	Surface Active Agents â€” Determination of Free Propylene Oxide Content in Propylene Oxide Adduct Surfactants â€” GC Method		-	Identical under dual numbering
43	IS 1796 : 2023	Glycerine - Specification		-	Indigenous
44	IS 285 : 2021	LAUNDRY SOAPS		-	Indigenous
45	IS 286 : 2018  Reaffirmed but not taken up for revision	Methods of sampling and test for soaps (Third Revision)		-	Indigenous

46	IS 2887 : 2017 Reviewed In : 2022	Laundry soap powders/flakes - Specification (Third Revision)	February, 2022	1	Indigenous
47	IS 2888 : 2004 Reviewed In : 2021	Toilet soap - Specification (Third Revision)	February, 2021	3	Indigenous
48	IS 4199 : 2001 Reviewed In : 2024	Toilet soap, liquid - Specification (Third Revision)	February, 2024	1	Indigenous
49	IS B4199 : 2001 Reviewed In : 2016	Toilet Soap, Liquid (bi-lingual)	March, 2016	-	Indigenous
50	IS 4955 : 2020	Household Laundry Detergent Powders — Specification ( Fifth Revision )	-	-	Indigenous
51	IS 4956 : 2020	Synthetic Detergents for Industrial Purposes — Specification ( Third Revision )	-	-	Indigenous
52	IS 5784 : 2001 Reviewed In : 2024	Shaving soap - Specification (First Revision)	February, 2024	1	Indigenous
53	IS 5785 (Part 1) : 1970 Reviewed In : 2021	Surface Active Agents “ Methods of Test Part 1 Relative Dispersing Power ( First Revision )	February, 2021	-	Indigenous
54	IS 5785 (Part 1) : 2024	Surface Active Agents “ Methods of Test Part 1 Relative Dispersing Power (First Revision)		-	Indigenous
55	IS 5785 (Part 2) : 1970 Reviewed In : 2021	Methods for performance tests for surface active agents: Part 2 relative emulsifying power	February, 2021	-	Indigenous
56	IS 5785 (Part 2) : 2024	Surface Active Agents “ Methods of Test Part 2 Relative Emulsifying Power (First Revision)		-	Indigenous
57	IS 5785 (Part 3) : 1970 Reviewed In : 2021 ISO 696	Methods for performance tests for surface active agents: Part 3 foaming power	February, 2021	1	Not Equivalent
58	IS 5785 (Part 4) : 1976 Reviewed In : 2021	Methods for performance tests for surface active agents: Part 4 relative detergency (First Revision)	February, 2021	1	Indigenous
59	IS 5785 (Part 5) : 2013 ISO 8022 :1990 Reviewed In : 2023 ISO 8022	Surface active agents - Determination of wetting power by immersion: Part 5 wetting power (First Revision)	October, 2023	-	Identical under dual numbering
60	IS 6047 : 2009 Reviewed In : 2021	Scouring products for utensil cleaning - Specification (First Revision)	February, 2021	1	Indigenous
61	IS/ISO 672 : 1978 ISO 672 : 1978 Reviewed In : 2021 ISO 672	Soaps - Determination of moisture and volatile matter content - Oven method	February, 2021	-	Identical under single numbering
62	IS/ISO 673 : 1981 ISO 673 : 1981 Reviewed In : 2021 ISO 673	Soaps - Determination of content of ethanol - Insoluble matter	February, 2021	-	Identical under single numbering
63	IS 7532 : 2018 Reviewed In : 2023	Soft soap - Specification (First Revision)	July, 2023	-	Indigenous
64	IS 7597 : 2001 Reviewed In : 2024	Surface active agents - Glossary of terms (First Revision)	February, 2024	-	Not Equivalent

ISO 862					
65	IS 7983 : 1994 Reviewed In : 2024	Toilet cleaner, liquid - Specification (First Revision)	February, 2024	1	Indigenous
66	IS 8180 : 2020	Household Laundry Detergent Bars — Specification ( Third Revision )	-	-	Indigenous
67	IS 8401 : 1994 Reviewed In : 2021	Alkyl benzene sulphonic acid (Acid Slurry) - Specification (First Revision)	February, 2021	1	Indigenous
68	IS 8540 : 1986 Reviewed In : 2021	Specification for glass cleaner, liquid (First Revision)	February, 2021	-	Indigenous
69	IS 9458 : 2020	Synthetic Detergents for Washing Woollen and Silk Fabrics — Specification ( Second Revision )	-	-	Indigenous
70	IS 9985 : 1992 Reviewed In : 2021	Sodium alkyl benzene sulphonate, technical - Specification (First Revision)	February, 2021	-	Indigenous

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
1	CHD 25 (20701) Revision of: IS 11601:2002	METHODS OF SAFETY EVALUATION OF SYNTHETIC DETERGENTS - TESTS FOR SKIN IRRITATION AND SENSITIZATION POTENTIAL OF SYNTHETIC DETERGENTS SECOND REVISION

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
1	CHD 25 (19133) Revision of: IS 13424:2001	SAFETY EVALUATION OF BATHING BARS AND TOILET SOAPS METHODS OF TEST
2	CHD 25 (20654) Revision of: IS 5785:1976	Methods for performance tests for surface active agents Part 4 relative detergency Second revision

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	CHD 25 (19008)	De - Odourizing - Cum - Disinfectant fluids - Specification
2	CHD 25 (22726)	Glass Cleaner Liquid Specification
3	CHD 25 (25033)	Soft soap - Specification First Revision Amendment - 1

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	CHD 25 (19459) Revision of: IS 5785:1970	Methods for performance tests for surface active agents Part 3 foaming power

2	CHD 25 (21885)	Household Laundry Detergent Powders Specification Fifth Revision Amendment - 1
3	CHD 25 (24418)	Linear Alkyl Benzene Specification First Revision Amendment - 1

**Total Published Standards:63 Total Standards Under development:9**

### Aspect Wise Report

Product : 36  
Code of Practices : 0  
Methods of Test : 26  
Terminology : 1  
Dimensions : 0  
System Standard : 0  
Safety Standard : 0  
Others : 0  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1044 : 1970	Turkey red oil
2	IS 10549 : 1983	Processed Fixed Oils for Industrial Use
3	IS 11479 : 1985 Reviewed In : 1991	Antibacterial toilet soap
4	IS 284 : 1951	Toilet soap
5	IS 7532 : 1974 Reviewed In : 2016 ISO 15371	Soft Soap
6	IS 7546 : 1974	Carbolic Soap
7	IS 7963 : 1976	Janata Toilet Soap
8	IS 839 : 1956	Transparent Toilet Soap

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10513 : 2024	Soap Noodles Specification First Revision
2	IS 10523 : 2014 Reviewed In : 2019	Baby toilet soap - Specification First Revision
3	IS 10536 : 2024	Castor Oleine and Castor Oleostearine Specification First Revision
4	IS 1061 : 2017 Reviewed In : 2021	Disinfectant fluids phenolic type - Specification Fifth Revision
5	IS 10758 : 1983 Reviewed In : 2022	Specification for de - Odourizing - Cum - Disinfectant fluids
6	IS 10813 : 2022 1833-25:2020	SOAP JELLY FOR LAUNDRY PURPOSES SPECIFICATION
7	IS 11303 : 2017	Transparent toilet soap - Specification First Revision

	Reviewed In : 2022	
8	IS 11479 (Part 1) : 2021 ISO 9241-171 : 2008	ANTIBACTERIAL TOILET SOAP - SPECIFICATION PART 1 SOLID CAKE SECOND REVISION OF IS 11479
9	IS 11479 (Part 2) : 2020	Antibacterial Toilet Soap Specification Part 2 Liquid Second Revision
10	IS 12030 : 2022	Semi-acid oil- Specification
11	IS 12031 : 2022	Soap Stock- Specification
12	IS 12039 : 2022	Spent Bleaching Earth- Specification
13	IS 12767 : 1989 Reviewed In : 2021	Liquid soap for cleaning painted surfaces - Specification
14	IS 12795 : 2020	Linear Alkyl Benzene Specification First Revision
15	IS 13370 : 1992 Reviewed In : 2024	Linear fatty alcohols for surface active agents - Specification
16	IS 13498 : 2017 Reviewed In : 2022	Bathing bar - Specification Second Revision
17	IS 13760 : 2024	Toilet Cleaner Acid-Based Powder Specification First Revision
18	IS 14364 : 2024	Quaternary Ammonium Compound Based Surface Cleaner Liquid Specification First Revision
19	IS 15072 : 2002 Reviewed In : 2024	Sodium alpha olefin sulphonate for cosmetic detergent and other industrial use - Specification
20	IS 15267 : 2003 Reviewed In : 2024	Zeolite detergent grade - Specification
21	IS 1796 : 2023	Glycerine - Specification
22	IS 285 : 2021 ISO 10873:2021	LAUNDRY SOAPS
23	IS 2887 : 2017 Reviewed In : 2022	Laundry soap powders flakes - Specification Third Revision
24	IS 2888 : 2004 Reviewed In : 2021	Toilet soap - Specification Third Revision
25	IS 4199 : 2001 Reviewed In : 2024	Toilet soap liquid - Specification Third Revision
26	IS B4199 : 2001 Reviewed In : 2016	Toilet Soap Liquid bi-lingual
27	IS 4955 : 2020	Household Laundry Detergent Powders Specification Fifth Revision
28	IS 4956 : 2020	Synthetic Detergents for Industrial Purposes Specification Third Revision
29	IS 5784 : 2001 Reviewed In : 2024	Shaving soap - Specification First Revision
30	IS 6047 : 2009 Reviewed In : 2021	Scouring products for utensil cleaning - Specification First Revision
31	IS 7983 : 1994 Reviewed In : 2024	Toilet cleaner liquid - Specification First Revision
32	IS 8180 : 2020	Household Laundry Detergent Bars Specification Third Revision
33	IS 8401 : 1994	Alkyl benzene sulphonic acid Acid Slurry - Specification First Revision

	Reviewed In : 2021	
34	IS 8540 : 1986 Reviewed In : 2021	Specification for glass cleaner liquid First Revision
35	IS 9458 : 2020	Synthetic Detergents for Washing Woollen and Silk Fabrics Specification Second Revision
36	IS 9985 : 1992 Reviewed In : 2021	Sodium alkyl benzene sulphonate technical - Specification First Revision