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U. S. DEPARTMENT OF COMMERCE  
NATIONAL BUREAU OF STANDARDS

Letter  
Circular  
LC988

WASHINGTON

(Superseding LC825)

(May 15, 1950)

DETERGENTS AND RELATED SUBJECTS

List of National Bureau of Standards  
Publications and Federal Specifications

General Information

This letter circular lists papers on detergents and related subjects published by the National Bureau of Standards. It contains also a list of letter circulars and of publications in outside journals reporting work on these subjects by members of the Bureau staff. There is included also a list of Federal specifications covering these materials.

Unless specifically stated, the papers herein listed are not obtainable from the National Bureau of Standards. Those marked "OP" are out of print, but, in general, may be consulted at the libraries in large cities.

Where the price of a publication is given, it can be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. The prices quoted are for delivery to addresses in the United States and its territories and possessions and in certain foreign countries that extend the franking privilege. When remitting for delivery to other countries, one-third of the total cost of publications should be added to cover postage.

Remittances should be made either by coupons (obtainable from the Superintendent of Documents in sets of 20 for \$1.00 and good until used), or by check or money order payable to the "Superintendent of Documents, Government Printing Office" and sent to him with order. (Please do not send stamps).

Engineering Societies, 29 W. 39th Street, New York City, maintain a duplicating service and are prepared to supply photostated copies of technical articles that are available in any of the large libraries in New York City.

The publications of the National Bureau of Standards and the Federal Specifications are designated by series letters followed by numbers. The explanation for these letters is as follows:

- RP = "Research Paper". These are reprints of articles appearing in the "Bureau of Standards Journal of Research" (BS J. Research) and the "Journal of Research of the National Bureau of Standards" (J. Research NBS), the latter being the title of this periodical since July 1934 (volume 13, number 1).
- T = "Technologic Paper" of the National Bureau of Standards. T1 to T202 were issued each independent of the other with individual pagination. Later they were assembled to make the first 15 volumes of this series, and subsequent separates were given volume pagination (Tech. Papers BS). This series has been superseded by the Journal of Research.
- C = "Circular" of the National Bureau of Standards.
- LC = "Letter Circular". These are mimeographed circulars issued without charge by the National Bureau of Standards and are designed to answer many requests for information.
- M = "Miscellaneous Publication" of the National Bureau of Standards.
- R = "Simplified Practice Recommendations" of the National Bureau of Standards.
- CS = "Commercial Standards" of the National Bureau of Standards.
- P-P-, P-S-, etc. = Federal specifications. These specifications are promulgated by the Federal Supply Services, General Services Administration. "Federal Standard Stock Catalog, Section IV, Part I, Federal Specifications, Index", which lists all Federal Specifications with prices, can be purchased for 35 cents from the Superintendent of Documents.

For papers in other scientific or technical journals, the name of the journal is given, with address in parentheses, and with the volume number, page, and year of publication, in the order named. The journals may be obtained from the publisher or consulted in libraries.

Those who wish to keep informed concerning work at the National Bureau of Standards should subscribe to the "Technical News Bulletin". It is a monthly publication which lists all papers published by members of the staff, whether appearing in Bureau publications or in other journals. It contains abstracts of papers appearing in the Journal of Research of the National Bureau of Standards, notes on progress of work in the laboratories, important conferences at the Bureau, and other items of general technical interest. Subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C. The price is \$1.00 (foreign \$1.35) per annum.

TECHNOLOGIC PAPERS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Performance tests of a liquid laundry soap used with textile material (1924). F. R. McGowan, F. W. Smither, and Charles W. Schoffstall.....	T273	OP
Reclamation of gasoline used in dry cleaning (1925) C. C. Hubbard.....	T280	OP
Effect of dry cleaning on silks (1926). M. H. Goldman, C. C. Hubbard and Charles W. Schoffstall.....	T322	OP
Effect of laundering upon the thermal insulating value of cotton blankets (1927). Philip Rudnick.....	T347	OP
A study of problems relating to the maintenance of interior marble (1927). D. W. Kessler.....	T350	OP
Cleaning of fur and leather garments (1927). M. H. Goldman and C. C. Hubbard.....	T360	OP

CIRCULARS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Materials for the household (1917).....	C70	OP
Washing, cleaning and polishing materials (1939) F. W. Smither.....	C424	<del>20¢</del> OP
Care and Repair of the House (1949).....	C489	<del>50¢</del> OP

RESEARCH PAPERS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Fastness of dyed fabrics to dry-cleaning A. S. Eichlin. BS J. Research <u>3</u> , 39-51 (1929).....	RP80	OP
Laundry "Winter Damage". John B. Wilkie BS J. Research <u>6</u> , 593-602 (1931).....	RP294	OP

MISCELLANEOUS PUBLICATIONS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Some technical methods of testing miscellaneous supplies, including paints and paint materials, inks, lubricating oils, soaps, etc. (1916).....	M15	OP

LETTER CIRCULARS

<u>Title</u>	<u>Series</u>
Anti-dimming preparations for glass surfaces.....	LC414
Polishes.....	LC753
Sweeping compounds (also known as "Floor Sweep" and "Dust Down").....	LC754
<del>Drainpipe cleaners or solvents.....</del>	<del>LC756</del>
The care of floors.....	LC935
Floor oils.....	LC765
<del>Simplified practice recommendations.....</del>	<del>LC979</del>
<del>List of commercial standards.....</del>	<del>LC978</del>
Detergents and certain detergent aids.....	LC868

COMMERCIAL STANDARDS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Stoddard solvent (third edition).....	CS3-40	10¢
Grading of sulphonated oils.....	CS43-32	OP
Liquid hypochlorite disinfectant, deodorant, and germicide.....	CS68-38	5¢ OP
Pine oil disinfectant.....	CS69-38	5¢
Phenolic disinfectant (emulsifying type) (2nd edition)	CS70-41	5¢
Phenolic disinfectant (soluble type) (2nd edition)	CS71-41	5¢
Household insecticide (liquid spray type).....	CS72-38	OP

SIMPLIFIED PRACTICE RECOMMENDATIONS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Commercial laundry extractors.....	R139-32	5¢
Commercial laundry flat work ironers.....	R140-32	5¢
Commercial laundry tumblers.....	R141-32	5¢
Commercial laundry washers.....	R142-32	5¢

OUTSIDE PUBLICATIONS

- Soaps as dry-cleaning aids. C. C. Hubbard. American Dyestuff Reporter (90 William St., New York, N. Y.), vol. 16, p. 113; February 21, 1927.
- Removing stains from cellulose-acetate rayons. M. H. Goldman and C. C. Hubbard, American Dyestuff Reporter, vol. 16, p. 237; April 18, 1927.
- A machine for laboratory washing tests. W. D. Appel, W. C. Smith and H. Christisen. American Dyestuff Reporter, vol. 17, p. 679; October 29, 1928.
- Laundry processes improved by studies of effect of cleaning agents and methods. H. D. Hubbard. United States Daily (now United States News, Washington, D. C.); September 7, 1929.
- The effect of dry-cleaning solvents upon fabrics. E.E. Hughes and W. D. Appel. The drycleaner (The National Association of Dyers and Cleaners, Silver Spring, Md.), vol. 9, pp. 6 and 24; May-June 1932. (Not available from the National Bureau of Standards).
- Determination of soap and fatty acids in dry-cleaning soap. E. E. Hughes, National Cleaner & Dyer (305 East 45th Street, New York, N. Y.), vol. 24, No. 2, p. 39; February 1933.

FEDERAL SPECIFICATIONS

Although Federal Specifications are not published by the National Bureau of Standards, a list of such specifications covering detergents and related materials is given below. These specifications can be purchased at the prices indicated from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. "Federal Standard Stock Catalog, Section IV, Federal Specifications, Part I, Index", which lists all Federal Specifications, with prices, can be purchased for 35 cents from the Superintendent of Documents.



<u>Title</u>	<u>Spec. Symbol</u>	<u>Price</u>
Soap; grit, hand .....	P-S-576a	5¢
Soap; laundry, chip, rosin-type.....	P-S-581	5¢
Soap; laundry, granulated, rosin-type.....	P-S-583	5¢
Soap; laundry, ordinary, bar.....	P-S-591a	5¢
Soap; laundry, powdered .....	P-S-596a	5¢
Soap; liquid and paste, (for) automobile, floor, and general-cleaning .....	P-S-598	5¢
Soap; low-titer (for low-temperature washing) .....	P-S-600	5¢
Soap; potash-linseed-oil; liquid and paste, (for) floor and general-cleaning.....	P-S-603	5¢
Soap-powder.....	P-S-606a	5¢
Soap; saddle.....	P-S-609	5¢
Soap; salt-water.....	P-S-611a	5¢
Soap; toilet, floating, white.....	P-S-616a	5¢
Soap; toilet, liquid.....	P-S-618a	5¢
Soap; toilet, milled.....	P-S-621a	5¢
Soap; toilet, powdered (for) dispensers.....	P-S-626a	5¢
Soap-borax-compound; toilet (for) dispensers.....	P-S-628	5¢
Soda, caustic (lye); (for cleaning purposes).....	P-S-631a	5¢
Soda, laundry; modified, (washing-soda).....	P-S-641a	5¢
Solvent, dry-cleaning.....	P-S-661a	5¢
Wax, floor; solvent-type, liquid (with resins).....	P-W-134	5¢
Wax, floor; water-emulsion.....	P-W-151a	5¢
Wax, general-purpose; solvent-type, liquid and paste (for floors, furniture, etc.).....	P-W-158	5¢
Borax (sodium borate).....	SS-B-611	5¢
Cleaners, vacuum; electric, portable.....	W-C-421a	5¢
Machines, floor-polishing and scrubbing; electric...	W-M-46a	5¢

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