

Lesson on Disinfectants

The question most vital to the householder is: "How to clean my house most effectively as regards contagious disease and foul odors."

Since it has become known that most diseases are produced by germs, it behooves us to destroy the cause, and to effect this we should know something about the germs themselves, their mode of living and under what conditions they thrive best.

Germs are of many varieties. They have different shapes, live differently and thrive under different conditions.

Fortunately for us, there is only a small proportion of the known germs that produce disease, and these are more easily destroyed than those that are harmless.

Germs that produce disease are called pathogenic and those that do not are non-pathogenic. Many of the non-pathogenic germs are useful, in fact, quite necessary, as those that produce our buttermilk and vinegar. Some are very annoying but not harmful as those that make butter, lard and other fats rancid.

Molds and yeasts are germs that belong to a class known as the fungi. The others are called bacteria and are divided into several classes according to their shape and mode of living. Examples: Bacilli are rod shaped, micrococci are mere dots and may go in pairs, fours or in chains.

There are three things necessary for the life and propagation of germs: Heat, light and moisture. Germs will find these where the unaided eye could find nothing.

Sterilization means the destruction of all life, and a body is sterilized when all germs including the spores are killed.

The term disinfectant is commonly applied to the process of destroying germs in rags, furniture, clothing, houses, etc. Bodies entirely free from germs are termed aseptic.

Disinfection and sterilization are accomplished by means of sunlight or chemicals. Sunlight is nature's disinfectant and is more powerful than chemicals, but it takes the sun longer to accomplish the work. Several hours have to be taken in the sun to thoroughly disinfect a body.

True disinfection is a matter requiring some skill and the use of the chemicals in liberal quantities. The chemicals should come in direct contact with the object to be disinfected. The common idea of a disinfectant is often only a deodorizer. Yet a deodorizer is often a good disinfectant. The most effective deodorizers are lime, chloride of lime, copper sulphate (blue stone) and formaldehyde. These are true disinfectants as well as deodorizers for they destroy the germs. Lime is particularly valuable as a white-wash for outhouses, barns, chicken-houses, trees, cellars and musty places. Bear in mind that to be effective the chemical must come in contact with the object to be disinfected. Formaldehyde and sulphur gases made fresh are the only true gaseous disinfectants, and if these are used properly all germ life will be destroyed.

When a true disinfectant is wanted formaldehyde will answer more purposes than any. It is effective, clean, and leaves no trace behind. It does not injure clothing and will not remove colors. It can be applied to anything except leather which it makes brittle, hence it cannot be used on furs, carpets, furniture, toilet articles, fruits, roots, etc., but can be disinfected with a five per cent solution without injury.

Other chemicals are chloride of lime, carbolic acid and the cresols, (creolin and lysol). These are cheaper than formaldehyde and can be used freely. Chloride of lime is best applied in solution, about six ounces to a gallon of water. Carbolic acid should be in five per cent solution. Creolin and lysol should be in two per cent solution. For effectiveness, the manner of applying the chemicals is quite as important as the substances themselves. C. C. CURTIS, Ph. G.

Lovers

of good health should prevent sickness instead of letting themselves get sick and then try to cure it. So long as you keep your liver, stomach and bowels in a healthy and active condition you won't get sick. Ballard's Herbine relieves constipation, inactive liver and all stomach and bowel troubles. Sold by North Bank Pharmacy.

Notice.

All parties raising poultry are hereby notified that they must keep same from trespassing upon the premises of others or become liable for arrest and fine. No further notice will be given.

Chas. Bredeson, Chief of Police.

The White Temple pulpit, which was recently made vacant when Rev. J. Whitcomb Brougher, accepted a call to Los Angeles, is being filled for the first two Sundays in March by Dr. W. B. Hinson of San Diego, California. Dr. Hinson has won the reputation of being one of the twelve greatest living preachers. An effort will be made to secure his services for a longer time, but it is doubtful whether this can be done.



Drop in canned goods Jacob

Dear Friend:

They put so many things in cans now. I do not see how they can, but they do. And things that come in cans are always fresh because the cans keep the air out. The grocer man told me I could get things in cans for mama for very little money.

Your friend,
JACOB.

P. S.—Can you go where you can get things in cans, I can, to

Muck Mercantile Company

Phone, Richmond 821

RESOLUTION

It is resolved by the city of St.

That it deems it expedient and necessary to improve Thompson street, from the east line of Willis boulevard to the west line of Myers street in the city of St. Johns in the following manner, to-wit:

By grading same to established grade by cut and fill, and by placing cement sidewalk on either side thereof entire length, said walk to be six feet wide, 12 foot curb, and all necessary wooden cross walks and box gutters, also by placing a strip of macadam in center of said street to feet wide, 8 inches in center, 6 inches on either side. Said strip of macadam to run full length of street. Said walk and curb to have expansion joints as directed by the city engineer. Also to place 4 inch tile drains every 50 feet in curb; also hitch rings as directed by the city engineer.

All work to be according to the plans and specifications of the city engineer on file in the office of the city recorder relative thereto, which plans and specifications and estimates are satisfactory and are hereby approved. Said improvements to be made in accordance with the charter and ordinances of the city of St. Johns, and under the supervision and direction of the city engineer.

That the cost of said improvement to be assessed as provided by the city charter upon the property especially and particularly benefited thereby, and which is hereby declared to be all of lots, parts of lots, blocks and parcels of land between the termini of such improvements abutting upon, adjacent or proximate to said Thompson street, from the marked lines of said street back to the center of the block or blocks or tracts of land abutting thereon or proximate thereto.

That all the property included in said improvement district aforesaid is hereby declared to be "Local Improvement District No. 12."

That the city engineer's assessment of the probable total cost of said improvement of said Thompson street is \$5,676.57.

That the cost of said Thompson street to be assessed against the property in said local assessment district as provided by the city charter of the city of St. Johns.

Adopted the 15th day of February, 1910.

A. M. ESSON, Recorder.
Published in the St. Johns Review March 4 and 11, 1910.

ORDINANCE No. 280

An Ordinance Repealing Ordinance No. 20 of the City of St. Johns

The city of St. Johns does ordain as follows:

That ordinance No. 20 of the city of St. Johns providing for the licensing of woodsmen and recorded on page 36 of book 1 of Ordinances of the City of St. Johns be, and the same is hereby repealed, cancelled and held for naught.

Passed the council this 8th day of March 1910.

Approved by the Mayor this 8th day of March 1910.

J. F. HENDRICKS, Mayor.

Attest: A. M. ESSON, Recorder.

Published in the St. Johns Review March 11, 1910.

Traffic arrangements are being completed between the Hill railroads, the Great Northern, North-eastern Pacific and Spokane, Portland & Seattle, and the Oregon Electric Railway, whereby a traffic interchange will be established that will give the Willamette Valley a competing line with the Southern Pacific on transcontinental freight. This arrangement is bound to prove an advantage to the people of the whole valley for competition in transportation, as in everything else, is helpful.

Remember, when you want GOOD meat that Bitgood & Cole's is the place to get it. An ever increasing trade is sufficient testimony of the fact that they are giving perfect satisfaction. Nowhere else in St. Johns or Portland, for that matter, is better meat sold. The prices are always just right and the meat is ever fresh, pure and wholesome. If you are not a patron of their market as yet, it will be to your advantage to give them a call. A full and complete line of all meats usually kept in a first class market is always found at this market. Courtesy, fair dealing and honest weight in connection with the very best meat the market affords is what is increasing their trade in such a gratifying manner. Call and place a trial order. Bitgood & Cole's the place.

SUMMONS

In the Circuit Court of the State of Oregon, for the County of Multnomah. Amanda F. White, Elizabeth M. Cadwell, Parker F. Morey, Lettie Lyons and Mary Norton, Plaintiffs.

Frederic Prebstel and Media Prebstel, his wife, Marie B. Snodgrass, Joseph H. Snodgrass and Bell Snodgrass, his wife, William F. Snodgrass and Grace Snodgrass, his wife, Margaret Abbott and Frank T. Abbott, her husband, Jesse M. Bartlett and E. W. Bartlett, her husband, Sarah E. VanBuren and J. VanBuren, her husband, James G. Snodgrass and Lola M. Snodgrass, his wife, Judith N. Snodgrass, Lot L. Snodgrass, Maude M. Snodgrass, John Francis Snodgrass, James G. Snodgrass, administrator of the estate of W. J. Snodgrass, deceased, Defendants.

To Margaret Abbott, Frank T. Abbott, William F. Snodgrass, Grace Snodgrass and Judith N. Snodgrass, of the defendant above named, and each of you.

In the name of the State of Oregon, you and each of you, are hereby summoned and required to appear and make answer to the complaint filed against you in the above entitled suit, on or before Saturday, the 16th day of April, 1910, which date is subsequent to the expiration of six weeks after the 31st day of March, 1910, the 4th day of March, 1910, being the date of the first publication of this summons, and it is prescribed by the order for publication that the same shall be published once a week in the St. Johns Review, for six consecutive weeks. If you fail to so appear, the plaintiff will apply to the above entitled court for relief prayed for in their complaint, to-wit:

First.—That the claim, or pretended claim of each of said defendants to the real property of the plaintiffs, to-wit: Lots numbered four and five in block numbered eleven, in the Griswold tract, in city of Portland, Multnomah County, Oregon, owned by Amanda F. White. Lots numbered six and seven in the aforesaid block, owned by Elizabeth M. Cadwell. Lot numbered two, in block thirteen, of the aforesaid tract, owned by Parker F. Morey. Lot numbered one in block numbered thirteen of the aforesaid tract, owned by Lettie Lyons. Lots numbered six blocks eleven and thirteen of the aforesaid tract, owned by Mary Norton, be adjudged and decreed to be the property of the plaintiffs to their respective lot or lots, be removed, and that the title of the plaintiffs to their respective lot or lots, be forever quieted against each of the defendants.

Second.—That a deed from Frederick Prebstel to Wendell Prebstel, dated Sept. 24, 1857, recorded in book A, at page 488, Multnomah county, Oregon, deed records, on Sept. 26, 1857, be reformed so as to describe the property therein conveyed, or attempted to be conveyed as follows, to-wit: "All of river lot number one (1) in section 20, and lots numbered one, two, three and five, and the east half of the north-west quarter of section 21, all in township one north, range one east of Willamette meridian, in Multnomah county, Oregon, containing 159.29 acres, more or less."

Third.—That the deed from Frederick Prebstel and Media Prebstel, his wife, to J. W. Snodgrass, dated Oct. 8, 1908, recorded at page 138, in book 435, Multnomah county, Oregon deed records, on October 9, 1908, covering the lots herein first described, and other property, and the deed from J. W. Snodgrass and M. B. Snodgrass dated Nov. 4, 1908, recorded Oct. 18, 1909 in book 466, at pages 395, and 396, to E. Prebstel and undivided one-half interest in the lots herein first described, with other property, both be cancelled and held for naught, as to the real property of these plaintiffs.

Fourth.—That each of the defendants herein be required to give a confirmatory deed to each of the plaintiffs herein for their respective lot or lots as herein described, or in lieu thereof, the decree of this court stand as and for such deed.

Fifth.—For a temporary restraining order, restraining each of defendants from making or attempting to make any conveyances of the aforesaid property or encumbering the same while this suit is pending.

Sixth.—That each of the defendants be forever enjoined and restrained from interfering with or asserting any right or claim to, any part of the lots or real property herein first described.

Seventh.—For such other, further or additional relief as the court may deem just and equitable in the premises.

Eighth.—For judgment against each of defendants for costs and disbursements incurred by plaintiffs in this suit.

This summons is published pursuant to an order of the presiding judge of the above entitled court, made and entered the 31 day of March, 1910.

GEORGE J. PERKINS, Attorney for plaintiffs.
March 4, 1910, date of first publication, April 15, 1910, date of last publication.

Bring in your job printing while you think of it. Don't wait until you are entirely out. We are equipped to turn out neat and tasty printing promptly at Portland prices or less.

Have your property insured in the St. Paul or Northern fire insurance companies. They are the best. S. L. Dobbs, agent.



WOULD YOU HAVE A STORE IN ST. JOHNS THAT WOULD GRATIFY YOUR MODERATE DESIRES? WOULD YOU LIKE TO SEE A STORE IN ST. JOHNS THAT IS A CREDIT TO YOUR COMMUNITY? IT IS OUR AMBITION TO OWN SUCH A STORE AND WITH

YOUR CONTINUED AND INCREASING PATRONAGE AS IN THE PAST WE CAN DO THAT. WE ARE HAVING CALL FOR THINGS DAILY THAT WE DO NOT HAVE FOR LACK OF ROOM. BUT WE HAVE TAKEN UP THE MATTER OF AN EXTENSION TO OUR BUILDING IN ORDER THAT WE MAY HAVE MORE DISPLAY SPACE. AMONG THE THINGS WE ARE NOT ABLE TO DISPLAY AND WHICH HAVE BEEN ADDED THIS SPRING IN THE DRY GOODS DEPARTMENT ARE:

French Gingham in dainty checks, Pique, Poplins, Percaloes, Norva Shantung, Cheverwool, Tusser Silks, Kobe Silks for head scarfs, Handkerchief Linens for waists, and some beautiful Lawns, Organdies and Batistes. THE SPRING STYLES OF SHOES ARE ALL IN AND WE CAN SUIT ANY ONE IN THAT LINE.

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Lawyers.
Rooms in the Holbrook building.
St. Johns, Oregon.

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PHYSICIAN AND SURGEON
Day and Night Office in McChesney Block
Phone Jersey 991
ST. JOHNS, OREGON

Albert Carey, M. D.
Residence and Office:
902 Pessenden Street
Office Hours: 10 a. m. to 1 p. m., 6 to 8 p. m.
ST. JOHNS, OREGON

Daniel O. Webster, A. B. M. D.
Residence, 607 Dawson Street
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DR. RAMBO
DENTIST
Office Phone Richmond 51
FIRST NATIONAL BANK BUILDING
ST. JOHNS, OREGON

Dr. W. E. Hartel
DENTIST
Phone Richmond 201
Holbrook Block - - - St. John,

DR. J. VINTON SCOTT
DENTIST
Open Evenings and Sundays by Appointment
Phone Jersey 1571 Hours: 2 to 6 - - . m.
902 Pessenden St. St. Johns, Ore.

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Mrs. Lillie Wells Carey
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1 to 5 p. m. - 7 to 8 p. m.
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CONTRACTORS AND BUILDERS
Estimates and Plans Furnished
HOUSES FOR SALE ST. JOHNS, ORE.

St. Johns Sand and Gravel Co.
JACKSON & MUGROVE, Props.
General Contractors

We are prepared to do any and all kinds of excavating for street work and other purposes. We also handle sidewalk and building material.

Newton and Pessenden streets
St. Johns, Ore.
Phone Richmond 1571

A Neighbor of Yours
as well as yourself is liable at any time to have rheumatism. We're all liable to have cuts or burns, bruises or scalds, crick in the back, neck or side—some kind of an ache or pain. Then heed this advice and tell your neighbors—Ballard's Snow Liniment relieves all aches and pains, and heals all wounds. Sold by North Bank Pharmacy.

Note the label on your pipes.

Preach the gospel of St. Johns.

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LAUREL LODGE
No. 186 I. O. O. F.
ST. JOHNS, OREGON
Meets each Monday evening in Odd Fellows hall, at 8:00. Visitors welcomed.
W. J. Chaney, N. G.
C. P. Gates, Secretary.

Holmes Lodge No. 101
KNIGHTS OF PYTHIAS
Meets every Friday night at 7:30 o'clock at I. O. O. F. hall. Visitors always welcome. A. Carl Nelson, C. C. E. C. Harbert, K. R. S.

Doric Lodge No. 132
F. and A. M.
Regular communications on first and third Wednesdays of each month in Odd Fellows' hall. Visitors welcome.
Allen R. Jones, W. M.
E. S. Harrington, Secretary.

CAMP 773 W. O. W.
Meets every Wednesday evening in Bickner's Hall.
J. A. Cole, C. C.
W. Scott Kellogg, Clerk

Central Market!
Holbrook Block.
See us for the choicest cuts of the Best Meats Obtainable.
Orders Filled and Family Trade Solicited

T. P. WARD, Proprietor.

RESOLUTION
It is resolved by the city of St. Johns. That whereas, the benefits assessed to the property in opening and widening Pessenden street in the city of St. Johns, as shown by the viewers' report, which report is on file in the office of the city recorder and is hereby referred to and made a part hereof, and whereas, the assessments for benefits were entered in the lien docket of the city liens in the office of the city recorder of said city, and

Whereas, some of the assessments have not been paid and are now delinquent. Therefore, be it resolved that the city recorder shall prepare and transmit to the treasurer of said city a list in tabulated form made up from the docket of city liens, describing each assessment that is delinquent, the name of the person to whom assessed, and a particular description of the property together with the amount of the assessment due; and be it further resolved that said list be forthwith prepared by said recorder and so transmitted to said treasurer, and that the treasurer proceed to collect such unpaid assessments named in such list by advertising and sell to the highest bidder each lot or tract of land in said list described in the manner provided by the charter of the city of St. Johns.

Adopted by the council, February 23, 1910.

A. M. ESSON, Recorder.
Published in the St. Johns Review March 4 and 11, 1910.

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A Swollen Jaw
is not pretty nor pleasant. Whether it is caused by neuralgia, toothache or accident, Ballard's Snow Liniment will reduce the swelling and relieve the pain. The great and sure cure for rheumatism, cuts, bruises, scalds—any and all aches and pains. Sold by North Bank Pharmacy.

Preach the gospel of St. Johns.

ATTENTION!!

Merchants! Manufacturers! Farmers! Everybody! We are hunting for your business and have been on your trail for some time. Our aim is to serve you well.

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Two trains between St. Johns and Portland daily.

We deliver Anything, Any Place, Any Time. Call and get our rates before shipping.

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Central Market!
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See us for the choicest cuts of the Best Meats Obtainable.
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OVERALLS
A Splendid Overall for every use. Cut generously full. Two big pockets. Puffed seams. Continuous fly.

COLONIST RATES
to OREGON and the GREAT NORTHWEST

The management of the Oregon Railway & Navigation Co. takes great pleasure in announcing that the low rates from Eastern cities, which have done so much in past seasons to stimulate travel to and settlement in Oregon, will prevail again this Spring DAILY from March 1, to June 15, inclusive.

PEOPLE OF OREGON
The railroads have done their part: now it's up to you. The colonist rate is the greatest of all home-builders. Do all you can to let Eastern people know about it, and encourage them to come here, where land is cheap and home-building easy and attractive.

Fares Can be Prepaid at Home if desired. Any agent of the road named is authorized to receive the required deposit and telegraph ticket to any point in the East.

Remember the Rates—From Chicago, \$33 from St. Louis, \$32 from Omaha and Kansas City, \$25. This reduction is proportionate from all other cities.

W. M. McMURRAY
General Passenger Agent
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