

DENATURED ALCOHOL MAY BE OF GREAT VALUE

As a Solvent, as a Re-Agent, and to Produce Heat, Light and Power--Prof. W. P. Cohoe, of McMaster University, Discusses the Subject.

In an article in the July issue of Industrial Canada, by Prof. Wallace P. Cohoe of McMaster University, brother of Rev. A. B. Cohoe of St. John, considerable space is devoted to free alcohol. Its uses and possibilities. The subject is one of great interest and added impetus has been given it by the recent withdrawal of the tax on certain classes of alcohol in the United States.

POWER POSSIBILITIES. Power--This problem is one which is becoming more difficult every year. Alcohol may be used in engines of the explosive type, like gasoline. In the past the abundance of this latter substance has made it unnecessary to resort to any other. In view of the great extension of the use of gasoline in the past few years, the use of alcohol as a substitute is looked upon as a matter of immediate interest. It is stated that a gallon of alcohol will produce 10 per cent more power than a gallon of gasoline. In motor vehicles and motor boats especially in Germany where alcohol is cheap and where the sale of oil is not so free as here the consumption for the purposes named above is surprising. It may be judged by the following figures which show the consumption in the year to September 30th, 1903.

For domestic use (mainly light and heat) about 33,000,000 For motor and other engines 1,100,000 For industrial purposes 14,000,000 Total 48,000,000

ITS MANY USES. It would be impossible to go into the detail of the uses of alcohol without taking up more space than could be spared. The last is one which will appeal directly to the people of the west. Although alcohol has been burned in spirit lamps since very early times, the problem of its use as a regular heating agent has never been attacked seriously until quite recently. The abundance of mineral oils has probably been the cause of this lack of interest. Lately, however, conditions have been changing. The price of oil is likely to rise, and there is the prospect of its future failure. The output of the future use of alcohol is bright. A third class of uses depends upon the fact that alcohol may be used for purposes of heat, light, and power.

METHODS OF CLEANSING OUR CORRUPT POLITICS (Toronto Globe). The disfranchising of a constituency is the cure suggested for irresponsible and persistent electoral corruption. That is an extreme measure. It is the last resort in a democratic country. The right of a community to be represented in parliament has been nearly bought and ought to be withdrawn except in despair of all other cure. There is always a saving remnant in the court-room dignity and serious enough the constituency may be saved for their sakes and by their services. It might be well for the law to define the conditions and to provide the proper machinery for disfranchising a constituency, but the suggestion of such an extreme measure should quicken into activity measures more democratic and calculated to restore a community to political sanity and health.

Thin Hair Yes! We had noticed that your hair was looking pretty thin, and that it lacked lustre and life. But we didn't like to speak of it! Of course you know that Ayer's Hair Vigor is a regular hair-grower, makes the hair soft and smooth, gives it life and strength. This isn't the kind of hair that falls out. And, too, it keeps the scalp so clean and healthy.

THE MAKING OF A HOUSEWIFE

Domestic Science Taught in Toronto Schools Produces Good Results.

(Toronto News) The teaching of domestic science in the public schools is comparatively new, but it has already proved of such incalculable benefit that it will soon be considered as essential to a girl's education as reading or writing. Upon the training that children receive in this most important branch of learning during the few years of their school life is the foundation upon which depends very largely their chances for developing into capable women.

WHISKEY AND SODAS. I crossed the Atlantic not long ago with an English woman, who, being young and unaffected, rose every morning about 7 o'clock and washed the dishes for an hour or so before breakfast. I was in her stateroom one day when she had entered with a tray. She had high words with the maid of a New York Irish woman. "She says you are no lady, mum," she quavered, "because you get up so early."

CO-OPERATION OF WORKINGMEN. Admiral Sir John Fisher, First Sea Lord of the British Admiralty, who is frequently described as the brains of that body and the organizing genius of the British navy, has issued a circular which is entitled to the attention of the naval authorities of other nations as well as of the British navy. In this circular Sir John asks the earnest co-operation of all workmen at the government dockyards and invites them to contribute suggestions for the improvement of tools and methods of work and any other matters which they think will be of assistance to the navy.

BOY OF SIXTEEN A RIVAL OF EDISON

Invents Electrical Devices That Bid Fair to Revolutionize Ballooning.

(New York American) In the person of Thomas R. Arden, a sixteen-year-old boy living at No. 3085 Park avenue in the Bronx, an electrical genius who gives promise of becoming one of the world's great inventors has been discovered. Young Arden has already invented an electrical storage coil, a telegraph and a means of communication with the earth without the use of wires, no matter how high they may be.

THE IRISH PATRIOT'S REBUKE

(By the late Most Rev. Lord Plunkett, D., Protestant Archbishop of Dublin), copied from "The Times" by M. J. C. Ye sons of Erin! who despise The motherland that bore you, Who nothing Irish love or prize, Give ear, ye will not hear me! The stranger's jeer I do not fear. Those who revile their native land! Oh! never, never!

IT RINGS IN YOUR EARS

That same cough is everywhere you go, deep and hollow because consumptive. First cure with Catarrhine. Moral, never neglect cold, never trifle with catarrh, go to your druggist and get Catarrhine. It's instant relief to colds, cures them in a few minutes. Through trouble and outwards disappear by magic. Catarrhine is the great throat, throat and bronchus remedy today. Thousands use it, doctors prescribe it, and cure those who have never been cured. Two sizes, 25c and \$1.00 at all dealers.

HUMAN NATURE

San Small, the evangelist, was talking in Atlanta about human nature. "Human nature," he said, "has a lot of goodness in it. Men like to do good things rather than good things. They seek to take a pride in being bad. They boast about their wickedness. They seem to be born that way." "I once saw a handsome, bright little fellow of eight or nine sitting under an apple tree reading a book." "There's a fine little fellow," I thought. "I'd like to see that little chap. I'll see what his ambition is."

NEW YORK SMART SET PLAYED BY A WOMAN

Society Leaders Who Drink Whiskey and Soda and Stay in Bed Till One O'clock --- An Evil Influence.

The society of New York is the cynosure of all the social aspirants in the Union, its influence is the most extensive and detrimental, it is indubitably the most heartless, extravagant and arrogant; and small as it is in numbers, it has come to be the objective point in the somewhat vague term, "American society." As a matter of fact it not only represents an abnormal development of the most objectionable traits in the American character, but it has become a social evil in the United States, says Gertrude Atherton in the Commonwealth.

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Style and Comfort are combined in the Gold Bond Shoe. Put your feet to bed in a pair of my \$5.00 Patent Corona Colt Bluchers, double sole, Gold Bond quality. These are better than the "above the average" shoe.

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Coal for Gibbon & Co. From Sydney--Old Mine Coal, per S. S. W. From Springfield--Barge No. 3, Round Coal. From Broad Cove--Carload every few days.

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STAR LINE STEAMSHIP CO. One of the Mail Steamers, "Victoria" or "Majestic" will leave North End every morning (Sunday excepted) at 8.30 o'clock for Fredericton and intermediate landings.

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