

The alizarine lanacyl colors are not fast to staining.

The fastness to sponging or potting of alizarine lanacyl navy blue and alizarine lanacyl violet is very good, so that they can be applied, without hesitation, to goods which must stand a severe potting or sponging process.

For dyeing goods composed of wool and cotton the following brands are of particular interest for this industry:

Alizarine lanacyl violet B., pat. and alizarine lanacyl navy blue B., pat. If dyed together with the diamine colors suitable for dyeing union goods in baths charged with Glauber's salt, they go principally upon the wool, and enhance the fastness to light of such dyeings. Although the shades obtained in this manner are not as bright as the blues produced with our formyl and alkaline violets, the alizarine lanacyl colors are to be preferred where a superior fastness to light is required.

Owing to the very good fastness to light and rich shades the alizarine lanacyl colors are of special interest for dyeing silk in skeins as well as piece-goods.

A great advantage is that they yield in dark shades dyeings which do not rub off in the least.

The dyeing is done in the usual manner in acidulated boiled-off liquor.

The alizarine lanacyl colors possess to a high degree the property, so much desired for dyeing goods composed of wool and silk, of dyeing the wool only, and leaving the silk almost entirely undyed.

ILLUMINATING GAS FROM GARBAGE

An interesting exhibition of a new method of disposing of garbage is at present being given in Toronto. Mr. L. G. Harris, the

originator of the system, some months ago carried on a series of experiments at Glen's Falls, N. Y., and as a result is able to show an experimental plant, in which a good quality of gas of eighteen candle power is produced at the rate of 14,000 cubic feet to the ton of garbage, with an expenditure of eight bushels of coke for fuel, and a few gallons of chemicals which cost only six or seven cents a gallon. The Mayor of Toronto's representative saw a four h.p. gas engine, and a twenty light dynamo running twenty 16 c.p. electric lights operated by gas from this generator. The plant is very simple, and its action is equally rapid. The system would appear to be especially adapted to street lighting, as it affords a means of doing away with the ordinary refuse about a city, and at the same time utilizing it in the production of light, heat and power. Messrs Ryan and Arnett of this city are the proprietors of the Dominion right to the process, and are organizing a company to put it before the public.

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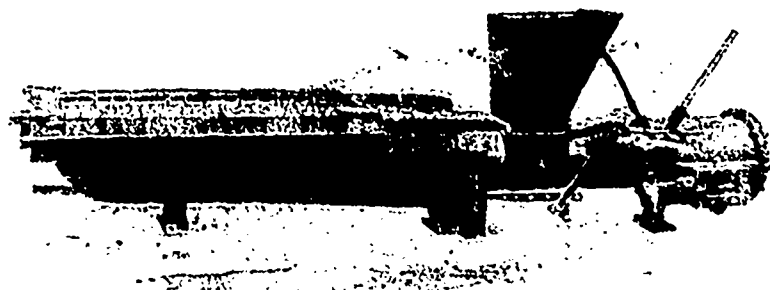
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