

# COFFEE! COFFEE! COFFEE!

## To the Grocery and General Store Trade:

If you want to furnish your customers with the very best goods obtainable, order and insist on having Coffees roasted and packed by

### CHASE & SANBORN, Montreal, P.Q.

Our Coffees are handled and recommended in Winnipeg by the following representative wholesale grocers:

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#### Dynamite and How it is Made.

Few people know what dynamite is though the word is in common use. It is a giant gunpowder, that is, an explosive material varying in strength and safety of handling according to the percentage of nitro-glycerine it contains. Nitro-glycerine, whence it derives its strength, is composed of ordinary glycerine and nitric acid compounded together in certain proportions at certain temperature. Nitro-glycerine, though not the strongest explosive known, being exceeded in power by nitrogen and other products of chemistry, is thus far the most terrible explosive manufactured to any extent. Nitro-glycerine, by itself is not safe to handle, hence dynamite is preferred. It is extensively made and consumed in the United States under the various names of giant, Hercules, Jupiter and Atlas powders, all of which contain anywhere from 30 to 80 per cent. of nitro-glycerine, the residue of the compound being made up of rotten stone, non-explosive earth, sawdust, charcoal, plaster of Paris, black powder, or some other substance that takes up the glycerine and makes a porous, spongy mass. Nitro-glycerine was discovered by Salvero, an Italian chemist, in 1845. Dynamite is prepared by simply kneading with the naked hands 25 per cent. of infusorial earth and 75 per cent. of nitro-glycerine until the mixture assumes a putty condition, not unlike moist brown sugar. Before mixing the infusorial earth is calcined in a furnace in order to burn out all organic matter, and it is also sifted to free it of large grains. While still moist it is squeezed into cartridges, which are prepared of parchment paper, and

the firing is done by fulminate of silver in copper capsules provided with patent exploders. Nitro-glycerine made of nitric acid one and sulphuric acid two parts, to which is added ordinary glycerine, and the mixture is well washed with pure water. The infusion is composed of small microscopic silicious shells which have lost their living creatures. The cellular parts receive the nitro-glycerine and hold it by capillary attraction, both inside and out. The earth is very light. Water is expelled from it by means of a furnace, and then, in form of a powder, it is mixed with nitro-glycerine. Nitro-glycerine has a sweet, aromatic pungent taste and the peculiar property of causing a violent headache when placed in a small quantity on the tongue or wrist. It freezes at 40° Fahrenheit, becoming a white, half-crystallized mass, which must be melted by the application of water at a temperature about 100° Fahrenheit.  
—Journal of Commerce.

"You say the coat is four dollars?"  
"Four tollar, mine frien."  
"And you warrant it all wool?"  
"All wool except de puttons and putton-holes."  
"How the dickens can you afford to sell a wool coat for four dollars?"  
"Mine frien, I don't vonder you vas surprised. Vy de vool in dot coat vas vorth more as four tollar, so hellup me Moses."  
"Then you must lose money on it?"  
"Py shimminy gracious! you make me tired. But, mine dear frien, I told you von lectle segret, and don't gif it away. De fieces on de backs of dose sheeps vot grow dot wool vas misfits, and haf to be sold at great reductions."

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