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SEA-SALT SOAP

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This invention relates to improvements in soap and has special reference to a soap that shall contain a large amount of sea salt.

It has been found desirable to mix sea salt with the water used in taking baths and for this purpose colored and scented sea salt is sold on the market.

I have found that more satisfactory results can be obtained with less trouble if sea salt is added to the bath soap. I have found that I can incorporate fifteen (15) per cent or more of ground sea salt into any ordinary bath soap providing I also employ a binder containing gluten. Gluten flour such as is sold on the market, is very satisfactory for this purpose and can be added to the extent of ten (10) per cent or more of the total weight of the mixture. Although gluten flour is considered the best binder, it is possible to employ flour containing gluten in any appreciable amount as, for example, twenty-five (25) per cent of gluten flour and the balance ordinary white flour.

In addition to the salt and the gluten binder, I also add a small percentage of glycerine and a suitable perfume.

My mixture is formed in accordance with the following formula:

	Per cent
Ordinary bath soap, about	74
Ground sea salt	15
Gluten containing flour	10
Glycerine	1
Perfume	a trace

The soap preferably employed is the well known Ivory soap or Castile soap, although any other bath soap may be employed.

The salt and gluten are preferably incorporated immediately when the soap is manufactured, although it is possible to granulate the manufactured soap and to incorporate the salt, gluten and glycerine. The cheapest and best way is, of course, to incorporate the salt and the binder just after the manufacture, as this involves less labor and expense.

I have found that it is possible to employ as high as twenty-five (25) per cent of salt and a like percentage of gluten, but better results are obtained with the proportions given above. If the salt is used without the gluten the soap will crumble without forming a cake. When salt and gluten are added to the soap, the mixture will not crumble, but will act the same as ordinary soap.

The gluten, therefore, is considered to be a very important ingredient as without it, salt can not be added to any appreciable extent.

From the above it will be apparent that I have produced a bath soap having a very large percentage of sea salt which makes it admirably adapted for use as a bath soap and which at the same time will not crumble when it gets wet.

Having thus described the invention what is claimed as new is:

1. A bath soap containing sea salt and a gluten binder.

2. A bath soap containing at least fifteen per cent of sea salt and a gluten binder.

3. A soap containing fifteen per cent of sea salt and ten per cent of gluten binder.

4. A soap containing fifteen per cent of sea salt, ten per cent of gluten binder and glycerine.

In testimony whereof I affix my signature.

LOUIS C. LAURENT.