Group 1 IV-Quasar

*Lye Soap Ingredients*

* 340 grams or 1 can Red Devil lye
* 7 1/3 or 5 lbs lard
* 605 grams or 21½ oz ice cold water

*Equipment Required*

* 4-6 quart cast iron or stainless iron pot or a plastic bowl
* 1 shallow cardboard box which is lined with plastic thrash bag
* 1-2 quart oven ware bowl
* Rubber gloves
* 1 stainless, plastic or wooden spoon

*Directions*

1. Take ice cold water in the 1 or 2 quart bowl. Freezing half of the water into ice cubes would also be a great idea. Once this is ready, add the lye slowly while continuously stirring, till all the lye is completely dissolved in the water.
2. Let the mixture of water and lye become warm by covering it with a lid. Keep it in the same way till the temperature of the mixture becomes 85 degrees F.
3. In the stainless steel, iron or plastic pot, heat the fat until it melts completely. Once this is done, keep it for cooling till its temperature reduces to 95 degrees F.
4. When this is done, begin stirring the melted liquid, and at the same time start pouring the lye-water solution into it. You have to continuously stir the mixture, otherwise it may separate.
5. The liquid will go through various stages including creamy, heavy cream and finally like a hot cooked pudding. The time required for this can range anywhere between 15-45 minutes, as per the climatic conditions and also the temperature.
6. After this, the next step would be to transfer the solution into the lined cardboard box. Let it stay in the box for some time. After 4-5 hours, it would be ready to be cut in the form of bars. However, you should not cut it with a sharp knife, rather use a table knife for it. You can use this facial and body soap after a month.