

Reduce the cochineal to a fine powder, add the carbonate of potassa, and triturate with three ounces of water. Allow the mixture to stand one hour, add the alum and cream of tartar successively, and, when the effervescence has ceased, the remaining water; filter. This solution imparts to elixirs a fine red colour; but is in some respects unsatisfactory, as it soon spoils.—*Pharmacist.*

Vienna Yeast.—Previously-malted barley, maize and rye are ground and mixed; next put into water at from 65° to 75° F.; after some hours the sweet liquor is decanted from the dregs and caused to ferment by some yeast. The fermentation becomes very strong and the yeast globules are carried to the surface, forming a scum which is skimmed off, placed on cloth filters, drained, washed with a little distilled water, and pressed into any desired shape by means of strong hydraulic pressure and covered with tight, stoutly-woven canvas. This yeast keeps from eight to fourteen days, and produces much better bread or beer than the ordinary variety.—*Chemical News.*

Transparent Cement.—A very strong transparent cement, applicable to wood, porcelain, glass, stone, etc., may be made by rubbing together in a mortar two parts of nitrate of lime, twenty-five parts of water, and twenty parts of powdered gum arabic. The surfaces to be united to be painted with the cement, and bound together until completely dry.—A. Selle in *Dingler's Polytechnisches Journal.*

Shaving Fluid.—

1. Take of

White hard soap (in shavings)... ½ lb.
 Alcohol.... 1 pt.
 Water ½ pt.
 Perfume q. s.

Put them in a strong bottle, cork it close, set it in warm water for a short time, and occasionally agitate it briskly until solution is complete. After repose, pour off the clean portion from the dregs into clean bottles for use, and at once closely cork them. If the solution be not sufficiently transparent, a little alcohol should be added to it before decantation.

2. Take of

White soft-soap.. ½ lb.
 Liquor potassa 2 fl. dr.
 Alcohol 1 pint.
 Perfume q. s.

Proceed as before. The product of both is excellent. By simply rubbing a few drops on the skin, and applying the shaving-brush, previously slightly dipped in water, a good lather is produced.