

A method for saponification of fats and oils and for the neutralization of fatty acids consists in the mixing of fat raw material with the saponifier (neutralizing agent) at vibratory action. The vibratory action is realized in the conditions of resonance by introducing of fat raw material and saponifier (neutralizing agent) through the input tangential channel to the downstream line into the internal processing chamber and transmission of the mixture through the output channel, realised in the form of Venturi tube, into the resonance chamber. The invention relates to the oil and fat industry and can be applied for the soap boiling in the manufacturing of household and toilet soap and for the neutralization of free fatty acids, oils and fats.