

### Flame-Resistant

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textile burnability since flame-retardant and flame-resistant terms are important factors in choosing clothing for all family members and household textiles such as blankets, mattresses, and carpets.

The study found, in general, that homemakers know how to take proper care of flame-retardant sleepwear. Eighty-seven percent of the consumers said they would wash such sleepwear in automatic washers. Four-fifth said they would use a medium or high level phosphate detergent. Only nine percent indicated they would use bleach.

Specific instructions for washing are printed on care labels of all such children's sleepwear. Any good detergent is recommended, especially with a relatively high phosphorous content. Soaps and nonphosphate detergents should be avoided since residue from washing will remain on the fabric to make it more flammable. Chlorine bleach should also be avoided since it makes the fabric more burnable.

The survey also found that 80 percent of the housewives were not familiar with a federal standard regarding flame-resistant carpets and rugs. All rugs and carpets manufactured in the U.S. since 1971 must pass a flame test to be sold. Ninety percent of the homemakers indicated they did not own flame-retardant carpets or rugs.

As of this June, federal standards also require that mattresses be flame-retardant. Along this line, the study found strong interest among homemakers in having mattresses, blankets, and kitchen curtains resistant to flames. In addition, 70 percent of the mothers thought it important to have girls' dresses and boys' slacks and shirts made of flame-resistant fabrics.

The analysis, still in preliminary stages, is part of a regional research project undertaken by the Agricultural Experiment Stations at state universities in the six northeastern states of Maine, New York, Pennsylvania, Rhode Island, Vermont, and Virginia.

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Graduate assistants active in the project at Penn State are Eleanor Quick of Raleigh, N. C., and Mrs. Rosalie Rhen of State College.

The total project involved 1090 housewives in the northeast, 250 in Pennsylvania. Homemakers were chosen who had children between two and six years of age. Two-thirds of the homemakers were 25 to 35 years old. Forty percent were full-time homemakers and 33 percent worked full-time outside of their homes. One-third of the families lived in rural areas or small towns and two-thirds resided in suburban or urban areas.



### Never On Sundae

At the turn of the century, many people thought that soda water was actually intoxicating. Perhaps the basis for their judgment was the giggling and smiling ice cream soda sipping inspired. Whatever the reason, Evanston, Ill., took action and passed a law prohibiting the sale of ice cream sodas on Sunday. One clever fountain operator found a way to get around the law by serving ice cream plus syrup minus the soda water. Dubbing his creation ice cream "Sunday"

probably doubled his weekend business. But the pious townfathers objected to naming an ice cream dish after the Sabbath, so the spelling was later changed to sundae... a treat to be enjoyed any day of the week.



### The Saga of the Soda

Soda water was recognized in the 1800's as a health drink which would not only quench the thirst but provide vitality and long life, too. It was definitely in popular demand at the Franklin Institute Celebration in Philadelphia in 1874. One of the concessionaires ran out of flavorings for his soda water. He made a quick ice cream purchase intending to melt it down and substitute it as a flavoring. However, the customers were buying the soda water so fast that the ice cream didn't have time to melt. The concessionaire took things in stride and served the soda water with the floating chunks of ice cream... much to the delight of his customers. Thus, the ice cream soda was born.

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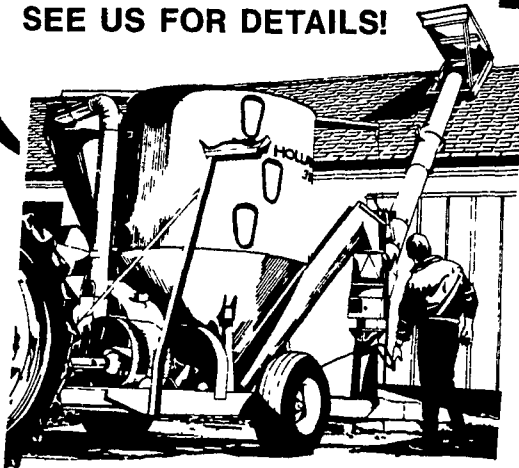
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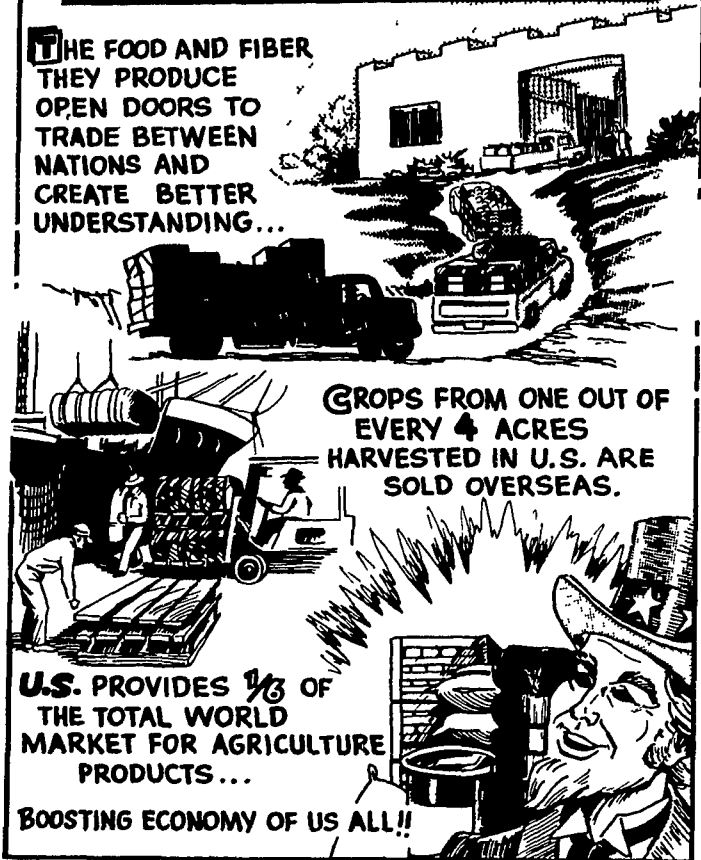
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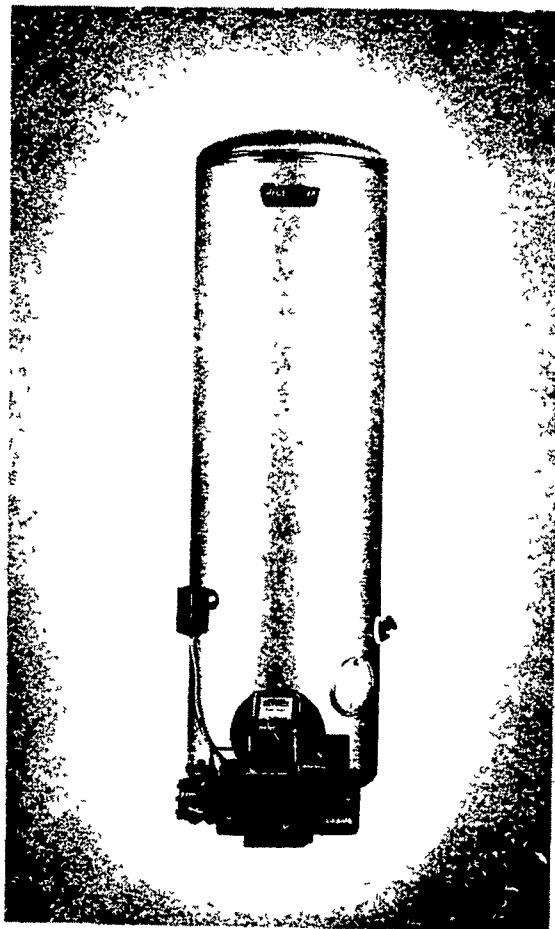
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