| Ingredient | Amount | Substitution |
| :---: | :---: | :---: |
| Allspice | 1 teaspoon | 1/2 teaspoon cinnamon, $1 / 4$ teaspoon ginger, and $1 / 4$ teaspoon cloves |
| Arrowroot starch | 1 teaspoon | 1 tablespoon flour OR 1 teaspoon cornstarch |
| Baking mix | 1 cup | 1 cup pancake mix OR 1 cup Easy Biscuit Mixture |
| Baking powder | 1 teaspoon | $1 / 4$ teaspoon baking soda plus $1 / 2$ teaspoon cream of tartar OR $1 / 4$ teaspoon baking soda plus $1 / 2$ cup buttermilk (decrease liquid in recipe by $1 / 2$ cup) |
| Baking soda | 1 teaspoon | 4 teaspoons baking powder OR 1 teaspoon potassium bicarbonate and $1 / 3$ teaspoon salt. NOTE: If the recipe calls for an acidic liquid such as sour cream, yogurt, buttermilk, vinegar, molasses, or citrus juice, you should replace it with the same amount of whole milk |
| Beer | 1 cup | 1 cup nonalcoholic beer OR 1 cup chicken broth |
| Brandy | 1/4 cup | 1 teaspoon imitation brandy extract plus enough water to make 1/4 cup |
| Bread crumbs | 1 cup | 1 cup cracker crumbs OR 1 cup matzo meal OR 1 cup ground oats |
| Broth: beef or chicken | 1 cup | 1 bouillon cube plus 1 cup boiling water OR 1 tablespoon soy sauce plus enough water to make 1 cup OR 1 cup vegetable broth |
| Brown sugar | 1 cup, packed | 1 cup white sugar plus $1 / 4$ cup molasses and decrease the liquid in recipe by $1 / 4$ cup OR 1 cup white sugar OR 1 1/4 cups confectioners' sugar |
| Butter (salted) | 1 cup | 1 cup margarine OR 1 cup shortening plus $1 / 2$ teaspoon salt OR $7 / 8$ cup vegetable oil plus $1 / 2$ teaspoon salt OR $7 / 8$ cup lard plus $1 / 2$ teaspoon salt |
| Butter (unsalted) | 1 cup | 1 cup shortening OR 7/8 cup vegetable oil OR 7/8 cup lard |


| Ingredient | Amount | Substitution |
| :---: | :---: | :---: |
| Buttermilk | 1 cup | 1 cup yogurt OR 1 tablespoon lemon juice or vinegar plus enough milk to make 1 cup |
| Caraway seed | 1 tablespoon | $1 / 2$ tablespoon Fennel seed and $1 / 2$ tablespoon ground Cumin |
| Cheddar cheese | 1 cup shredded | 1 cup shredded Colby cheddar OR 1 cup shredded Monterey Jack cheese |
| Chervil | 1 tablespoon chopped fresh | 1 tablespoon chopped fresh parsley |
| Chicken base | 1 tablespoon | 1 cup canned or homemade chicken broth or stock. Reduce liquid in recipe by 1 cup |
| Chocolate(semisweet) | 1 ounce | 1 (1-ounce) square of unsweetened chocolate plus 4 teaspoons sugar OR 1 ounce semisweet chocolate chips plus 1 teaspoon shortening |
| Chocolate (unsweetened) | 1 ounce | 3 tablespoons unsweetened cocoa plus 1 tablespoon shortening or vegetable oil |
| Cocoa | 1/4 cup | 1 (1-ounce) square unsweetened chocolate |
| Condensed cream of mushroom soup | 1 (10.75-ounce) can | 1 (10.75-ounce) can condensed cream of celery, cream of chicken, or golden mushroom soup |
| Corn syrup | 1 cup | $11 / 4$ cup white sugar plus $1 / 3$ cup water OR 1 cup honey OR 1 cup light treacle syrup |
| Cottage cheese | 1 cup | 1 cup farmer's cheese OR 1 cup ricotta cheese |
| Cracker crumbs | 1 cup | 1 cup bread crumbs OR 1 cup matzo meal OR 1 cup ground oats |
| Cream (half and half) | 1 cup | 7/8 cup milk plus 1 tablespoon butter |
| Cream (heavy) | 1 cup | 1 cup evaporated milk OR $3 / 4$ cup milk plus $1 / 3$ cup butter |


| Ingredient | Amount | Substitution |
| :---: | :---: | :---: |
| Cream (light) | 1 cup | 1 cup evaporated milk OR $3 / 4$ cup milk plus 3 tablespoons butter |
| Cream (whipped) | 1 cup | 1 cup frozen whipped topping, thawed |
| Cream cheese | 1 cup | 1 cup pureed cottage cheese OR 1 cup plain yogurt, strained overnight in a cheesecloth |
| Cream of tartar | 1 teaspoon | 2 teaspoons lemon juice or vinegar |
| Crème fraiche | 1 cup | Combine 1 cup of heavy cream and 1 tablespoon of plain yogurt. Let stand for 6 hours at room temperature |
| Egg | 1 whole (3 tablespoons or 1.7 oz ) | $21 / 2$ tablespoons of powdered egg substitute plus $21 / 2$ tablespoons water OR 1/4 cup liquid egg substitute OR $1 / 4$ cup silken tofu pureed OR 3 tablespoons mayonnaise OR half a banana mashed with $1 / 2$ teaspoon baking powder OR 1 tablespoon powdered flax seed soaked in 3 tablespoons water |
| Evaporated milk | 1 cup | 1 cup light cream |
| Farmer's cheese | 8 ounces | 8 ounces dry cottage cheese OR 8 ounces creamed cottage cheese, drained |
| Fats for baking | 1 cup | 1 cup applesauce OR 1 cup fruit puree |
| Flour-Bread | 1 cup | 1 cup all-purpose flour plus 1 teaspoon wheat gluten (available at health food stores \& some supermarkets) |
| Flour-Cake | 1 cup | 1 cup all-purpose flour minus 2 tablespoons |
| Flour-Self-Rising | 1 cup | 7/8 cup all-purpose flour plus $11 / 2$ teaspoons baking powder and $1 / 2$ teaspoon of salt |
| Garlic | 1 clove | 1/8 teaspoon garlic powder OR $1 / 2$ teaspoon granulated garlic OR $1 / 2$ teaspoon garlic salt-reduce salt in recipe |
| Gelatin | 1 tablespoon, | 2 teaspoons agar |


| Ingredient | Amount | Substitution |
| :---: | :---: | :---: |
|  | granulated |  |
| Ginger-dry | 1 teaspoon | 2 teaspoons chopped fresh ginger |
| Ginger-fresh | 1 teaspoon, minced | 1/2 teaspoon ground dried ginger |
| Green onion | 1/2 cup , chopped | 1/2 cup chopped onion OR $1 / 2$ cup chopped leek OR $1 / 2$ cup chopped shallots |
| Hazelnuts | 1 cup whole | 1 cup macadamia nuts OR 1 cup almonds |
| Herbs-fresh | 1 tablespoon chopped fresh | 1 teaspoon (chopped or whole leaf) dried herbs |
| Herring | 8 ounces | 8 ounces of sardines |
| Honey | 1 cup | $11 / 4$ cup white sugar plus $1 / 3$ cup water OR 1 cup corn syrup OR 1 cup light treacle syrup |
| Hot pepper sauce | 1 teaspoon | 3/4 teaspoon cayenne pepper plus 1 teaspoon vinegar |
| Italian Seasoning | 0.75 oz. jar | When your jar runs out, refill with 2 Tablespoons each: Basil, Marjoram, Oregano, Rosemary and Thyme |
| Ketchup | 1 cup | 1 cup tomato sauce plus 1 teaspoon vinegar plus 1 tablespoon sugar |
| Lard | 1 cup | 1 cup shortening OR 7/8 cup vegetable oil OR 1 cup butter |
| Lemon grass | 2 fresh stalks | 1 tablespoon lemon zest |
| Lemon juice | 1 teaspoon | 1/2 teaspoon vinegar OR 1 teaspoon white wine OR 1 teaspoon lime juice |
| Lemon zest | 1 teaspoon | 1/2 teaspoon lemon extract OR 2 tablespoons lemon juice |
| Lime juice | 1 teaspoon | 1 teaspoon vinegar OR 1 teaspoon white wine OR 1 teaspoon lemon juice |
| Lime zest | 1 teaspoon | 1 teaspoon lemon zest |

## What's Cooking?

| Ingredient | Amount | Substitution |
| :---: | :---: | :---: |
| Macadamia nuts | 1 cup | 1 cup almonds OR 1 cup hazelnuts |
| Mace | 1 teaspoon | 1 teaspoon nutmeg |
| Margarine | 1 cup | 1 cup shortening plus $1 / 2$ teaspoon salt OR 1 cup butter OR $7 / 8$ cup vegetable oil plus $1 / 2$ teaspoon salt OR $7 / 8$ cup lard plus $1 / 2$ teaspoon salt |
| Mayonnaise | 1 cup | 1 cup sour cream OR 1 cup plain yogurt |
| Milk-whole | 1 cup | 1 cup soy milk OR 1 cup rice milk OR 1 cup water or juice OR $1 / 4$ cup dry milk powder plus 1 cup water OR 2/3 cup evaporated milk plus $1 / 3$ cup water |
| Mint-fresh | 1/4 cup chopped | 1 tablespoon dried mint leaves |
| Molasses | 1 cup | Mix $3 / 4$ cup brown sugar and 1 teaspoon cream of tartar |
| Mustard-prepared | 1 tablespoon | Mix together 1 tablespoon dried mustard, 1 teaspoon water, 1 teaspoon vinegar and 1 teaspoon sugar |
| Onion | 1 cup, chopped | 1 cup chopped green onions OR 1 cup chopped shallots OR 1 cup chopped leeks OR 1/4 cup dried minced onion OR $1 / 4$ cup onion powder |
| Orange juice | 1 tablespoon | 1 tablespoon other citrus juice |
| Orange zest | 1 tablespoon | 1/2 teaspoon orange extract OR 1 teaspoon lemon juice |
| Parmesan cheese | 1/2 cup, grated | 1/2 cup grated Asiago cheese OR $1 / 2$ cup grated Romano cheese |
| Parsley | 1 tablespoon chopped fresh | 1 tablespoon chopped fresh chervil OR 1 teaspoon dried parsley |
| Pepperoni | 1 ounce | 1 ounce salami |
| Raisin | 1 cup | 1 cup dried currants OR 1 cup dried cranberries OR 1 cup chopped pitted prunes |


| Ingredient | Amount | Substitution |
| :---: | :---: | :---: |
| Rice-white | 1 cup, cooked | 1 cup cooked barley OR 1 cup cooked bulgur OR 1 cup cooked brown or wild rice |
| Ricotta | 1 cup | 1 cup dry cottage cheese OR 1 cup silken tofu |
| Rum | 1 tablespoon | 1/2 teaspoon rum extract, plus enough water to make 1 tablespoon |
| Saffron | 1/4 teaspoon | 1/4 teaspoon turmeric |
| Salami | 1 ounce | 1 ounce pepperoni |
| Semisweet chocolate chips | 1 cup | 1 cup chocolate candies OR 1 cup peanut butter or other flavored chips OR 1 cup chopped nuts OR 1 cup chopped dried fruit |
| Shallots, chopped | 1/2 cup | 1/2 cup chopped onion, OR $1 / 2$ cup chopped leek OR $1 / 2$ cup chopped green onion |
| Shortening | 1 cup | 1 cup butter OR 1 cup margarine minus 1/2 teaspoon salt from recipe |
| Sour cream | 1 cup | 1 cup plain yogurt OR 1 tablespoon lemon juice or vinegar plus enough cream to make 1 cup OR $3 / 4$ cup buttermilk mixed with $1 / 3$ cup butter |
| Sour milk | 1 cup | 1 tablespoon vinegar or lemon juice mixed with enough milk to make 1 cup: Let stand 5 minutes to thicken |
| Soy sauce | 1/2 cup | 1/4 cup Worcestershire sauce mixed with 1 tablespoon water |
| Stock-beef or chicken | 1 cup | 1 cube beef or chicken bouillon dissolved in 1 cup water |
| Sweetened condensed milk | 1 (14-ounce) can | $3 / 4$ cup white sugar mixed with $1 / 2$ cup water and $11 / 8$ cups dry powdered milk: Bring to a boil and cook, stirring frequently, until thickened, about 20 minutes |
| Tomato Paste | 2 to 3 ounces (1/3 cup) | Bring an 8 ounce can of tomato sauce to a brisk simmer in a saucepan over medium heat, stirring constantly, for |
| What's Cooking? |  | Family favorites from http://recipe.mbplace.net/ |


| Ingredient | Amount | Substitution |
| :---: | :---: | :---: |
|  |  | about 7 minutes, or until reduced by about two-thirds. |
| Tomato Sauce | 2 cups | $3 / 4$ cup tomato paste and 1 cup water |
| Vegetable oil-for baking | 1 cup | 1 cup applesauce OR 1 cup fruit puree |
| Vegetable oil-for frying | 1 cup | 1 cup lard OR 1 cup vegetable shortening |
| Vinegar | 1 teaspoon | 1 teaspoon lemon or lime juice OR 2 teaspoons white wine |
| White sugar | 1 cup | 1 cup brown sugar OR $11 / 4$ cups confectioners' sugar OR 3/4 cup honey OR 3/4 cup corn syrup |
| Wine | 1 cup | 1 cup chicken or beef broth OR 1 cup fruit juice mixed with 2 teaspoons vinegar OR 1 cup water |
| Yeast-active dry | 1 (.25-ounce) package | 1 cake compressed yeast OR $21 / 2$ teaspoons active dry yeast OR 2 1/2 teaspoons rapid rise yeast |
| Yogurt | 1 cup | 1 cup sour cream OR 1 cup buttermilk OR 1 cup sour milk |

