

# The Complete Technology Book on Flavoured Ice Cream (2nd Revised Edition)- Manufacturing Process, Flavours, Formulations with Machinery Details

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Ice cream is a frozen-food, sweet in flavor and is consumed as a dessert all over the globe. Ice-cream comes in variety of flavors in which fruits, nuts and other ingredients can be added to enhance the nutritional value and organoleptic property of the product. It is stored in the freezing- temperature and contains mild preservatives. Ice Cream is a favourite food of millions around the world. Ice Cream is a palatable, nutritious and relatively inexpensive food. Ice Cream is composed of the mixture of food materials, such as milk products, sweetening materials, stabilizers, emulsifiers, flavours or egg products which are referred to as ingredients.

The rising demand for innovative flavors, formats and growing demand for impulsiveness to consume the product in developing countries is expected to drive the market growth. The increased demand for frozen desserts in the developed countries is supporting the sale of ice creams. The developing technologies have helped in enhancing and innovating new flavors in the ice creams which has also helped in fueling up the market share of the product. Ice Cream is among the largest supermarket food categories which is generating high revenue. The global ice cream industry is a prosperous industry and the positive growth momentum has attracted food giants to diversify and expand their product lines.

Some of the fundamentals of the book are composition of ice cream mixes, the role of the constituents, diet science and classification of ice cream, caloric content of ice cream and related products, milk fat content of ice cream, classification of ice cream and related products, artificially sweetened frozen dairy foods, ingredients of ice cream roles and properties, effect of sweetener on freezing point, influence on ice crystal size and texture, flavor, colour materials and preparation, ice cream mixer preparation, processing and mix calculations, the freezing process, the freezing point of ice cream mixes, ice cream handling, cleaning and sanitation, varieties, novelties and specials, molded cones, ice cream cone making, success story of natural ice cream, specifications of ice cream plant, process flow diagram, sample plant layout and photographs of machinery with supplier's contact details.

A total guide to manufacturing and entrepreneurial success in one of today's most lucrative food industries. This book is one-stop guide to one of the fastest growing sectors of the food industry, where opportunities abound for manufacturers, retailers, and entrepreneurs. This is the only complete handbook on the commercial production of ice cream. It serves up a feast of how-to information, from concept to purchasing equipment.

# Contents

## CONTENTS

### 1. ICE CREAM-HISTORY AND DEVELOPMENT

Historical Background

### 2. COMPOSITION OF ICE CREAM MIXES

Composition

The Role of the Constituents

Milk Fat

Milk Solid Not Fat (MSNF)

Sweetener Solids

Egg Yolk Solids

Stabilizers

Emulsifiers

Total Solids

Water and Air

Flavour

Importance of flavour

Colour

Optional ingredients

The Balanced Mix

Conditions That Limit the Balancing of a Mix

Mix Properties

Mix Stability

### 3. DIET-SCIENCE AND CLASSIFICATION OF ICE CREAM

Nutritional Value

Energy Value and Nutrients

Energy Content of Food

Caloric content of Ice Cream and related Products

Energy Content of Ice Cream and Related Products

Protein Content of Ice Cream

Milk Fat Content of ice cream

Milk Fat Content

Carbohydrates

Carbohydrates in Ice Cream

Minerals

Minerals in Ice Cream

Vitamins

Vitamins in Ice Cream

Palatability and Digestibility of Ice Cream

Classification of Ice Cream and Related Products

Commerical Grouping of Ice-Cream and

Related Products Plain Ice Cream

Chocolate

Fruit

Nut

Frozen Custard

Confection

Bisque

Puddings

Mousse  
Variegated Ice Cream  
Neapolitan  
Ice Milk  
Fruit Sherbet  
Ice  
Novelties  
Frappe  
Granite  
Souffle  
Frozen Yoghurt  
Lacto  
Fruit Salad  
Fancy Moulded Ice Cream  
This group includes  
Mellorine-type Products  
Artificially Sweetened Frozen Dairy Foods  
Non Dairy Frozen Dessert  
Labelling Requirement Grouping  
Regulatory Type Classification

#### 4. INGREDIENTS OF ICE CREAM-ROLES AND PROPERTIES

Sources of Milk Solids Not Fat  
Milk  
Milk Products used in Ice Cream Sources of Fat  
Skim Milk  
Butter Milk  
Concentrated Skim Milk  
Sweetened Condensed Milk  
Skimmed Milk Powder  
Special Commercial products  
Whey Protein Concentrate  
Mineral Salts  
Unsalted Butter  
Sweeteners  
Sources of Sugar  
Effect of Sweetener on Freezing point  
Sucrose  
Corn Sweeteners and Related Ingredients  
Dextrose  
Corn Syrup  
Dried Corn Syrup  
Invert Sugar  
Honey  
Other Sweeteners  
Nonnutritive Sweeteners  
Egg and Egg Products  
Fat Replacers  
Sugar Alcohols  
Syrups  
Stabilizers and Emulsifiers  
Function of Stabilizers  
Influence on Ice Crystal Size and Texture

- Shape and Body Characteristics
- Retention of Air
- Role in Fat Destabilization
- Control of Sandiness
- Stabilizers
- Casein
- Sodium Alginate
- Carrageenan
- Guar Gum
- Locust Bean Gum
- Sodium Carboxy Methyl Cellulose (CMC)
- Pectin
- Agar-Agar
- Xanthan Gum
- Hydroxypropy Methyl Cellulose
- Other Gums
- Starch
- Stabilizer Blends
- Emulsifiers
- Type of Emulsifiers
- Glycerides
- Distilled Monoglyceride
- Polysorbates
- Polyglycerol Esters
- Fruit Acid Esters
- Ethoxylated Mono and Diglycerides
- Egg Yolk Solids
- Function of Emulsifiers
- Whipping Ability and Overrun Control
- Stiffness and Dryness
- Secondary Effect of Emulsifiers
- Selection of Stabilizer and Emulsifier
- Processing the Cocoa Beans

## 5. FLAVOURS AND COLOURS-MATERIALS AND PREPARATION 69

- Flavours for Frozen Desserts
- Vanilla
- Imitation Vanilla Flavourings
- Consistency in Vanilla Quality
- Vanilla Ice Cream
- Chocolate and Cocoa
- Chocolate Ice Cream
- Freezing Characteristics
- Chocolate Confections
- Fruits in Frozen Desserts
- Fresh Fruit
- Candied and Glaced Fruits
- Dried Fruits
- Procedures and Recipes
- Strawberry Ice Cream
- Raspberry Ice Cream
- Peach Ice Cream

Cherry Ice Cream  
Ice Cream with Complex Flavours  
Sugar Free  
Nuts  
Spices and Salt  
Colour in Frozen Desserts  
Flavouring Lowfat and Nonfat Ice Cream

## 6. ICE CREAM MIXER-PREPARATION PROCESSING AND MIX CALCULATIONS 85

Preparation of the Mix  
Combining the Ingredients  
Pasteurization of the Mix  
Pasteurization Renders the Mix  
There are two basic Methods of Pasteurization  
Homogenizing the Mix  
Physical Effect of Homogenization  
Homogenizing Temperature  
Location of Homogenizer  
Pressure for Homogenization  
Care of the Homogenizer  
Cooling the Mix  
Ageing the Mix  
Making the Mix in a Vacuum pan  
Forewarming  
Concentrating the Dairy Products  
Weighing the Concentrated Dairy Products  
Adding Sugar and Stabilizer, and Pasteurizing  
Flavouring Mixes  
Cooling, Standardizing and Ageing  
Packaging Mixes for Sale  
Calculation of ice Cream Mixes  
The Importance of Calculations  
Mathematical processes Most Frequently Used  
Methods of Calculating Mixes  
Pearson Square Method  
Arithmetical Method  
Calculating Mixes with the Serum Point Method  
Mix Decisions  
Simple Mixes  
Complex Mixes

## 7. THE FREEZING PROCESS

The Freezing Point of Solutions  
The Freezing Point of Ice Cream Mixes  
Prefreezing Tests  
Freezing Operations  
Changes that take Place during the Freezing Process  
Refrigeration Needed to Freeze Ice Cream  
Types of Freezers  
The Continuous Freezer  
The Refrigeration System  
Operating the Continuous Freezer

Batch Freezer

Freezing Procedure for Batch Freezers

## 8. ICE CREAM HANDLING

Considering the Package

Requirements for Packaging

Paper

Substance of Paper

Stiffness

Ink

Wax

Adhesive

Wax Content

Odour and Taint

Toxicity

Resistance to Deep Freezing

Leak Proofness

Paper Board

Thickness

Wax Content

Stiffness

Ink

Wax Quality

Adhesive

Odour and Taint

Manufacturer's Joint

The Packaging Operation

Packaging for Direct Sale to Consumers

Economy in Packaging Operations

The Hardening Process

Factors Affecting Hardening Time

Types of Hardening Facilities

Rapid Hardening Systems

Handling, Storing and Shipping

Shipping with Dry Ice

Quality is the Goal

## 9. CLEANING AND SANITATION

Principles of Cleaning

Cleaning

Rinsing

Removal of Sediment

Removal of Fat

Removal of Proteins

Removal of Mineral Deposits

After Rinsing with Clean Water

Cleaning Agents

Alkalis

Acids

Water Chelating Agent

Emulsifiers and Wetting Agents

Protective Substances

Composite Cleaning Agents

Alkaline Composites  
Sanitization of Equipment  
Sanitary Environment  
Hygienic Personnel  
Test of the Finished Product  
Hazard Analysis and Critical Control Points (HACCP)  
HACCP Principles  
Summary

#### 10. DEFECTS AND GRADING OF ICE CREAM

Flavour Defects  
Flavouring System  
Sweetener System  
Body and Texture Defects  
Defects of Body  
Defects of Texture  
Colour  
Package  
Melting Quality  
Defects of Melting Quality  
Defects in Ice Cream, their Causes and Prevention  
Evaluating Frozen Desserts  
Scoring Methods  
Ice Cream Clinics

#### 11. VARIETIES, NOVELTIES AND SPECIALS

Plain Ice Cream  
Formula  
Variations  
Vanilla  
Strawberry  
Rose  
Coffee  
Caramel  
Mint  
Candy Ice cream  
Variations  
Peppermint Stick  
Butter Crunch  
Peanut Brittle  
Toffee  
Mint Chips  
Mithai Ice Cream (Gulabjamun)  
Mithai Ice Cream (Rasogulla)  
Mithai Ice Cream (Gajar Halwa)  
Chocolate Ice Cream  
Chocolate Malt  
Chocolate Malt and Nuts  
Chocolate Toffee  
Chocolate Cool  
Fruit Ice Cream  
Variations  
Banana  
Pineapple

Apple  
Orange  
Orange Pineapple  
Lemon  
Grape  
Custard Apple  
Date  
Sapota  
Mango  
Strawberry  
Blueberry  
Raspberry  
Nut Ice Cream  
Variations  
Butterscotch  
Almond Walnut  
Almond Toffee  
Peanut  
Caramel Nut  
Fruit and Nut  
Coconut Pineapple  
Tutti-Frutti  
Banana Nut  
Variegated or Rippled Ice Cream  
Probiotic Ice-Cream  
Manufacture of Prebiotic Ice-Cream  
Labelling of Probiotic Foods  
New Diet Science for Ice Cream  
Sorbet and Ice Cream  
Manufacturing Procedure  
Ice Cream Mix  
Sorbet  
Freezing  
Kulfi  
Product Description  
Technology  
Innovations  
Formulation of Kulfi  
Optional Dairy Ingredients for Kulfi and Frozen Desserts  
Sweet Fresh Cream and Fresh Milk  
Frozen Cream  
Fluid Whole and Skim Milk  
Plain Condensed Skim Milk  
Plain Condensed Whole Milk  
Sweetened Condensed Whole or Skim Milk  
Packaging  
Physico-Chemical Aspects  
Shelf Life  
Decoration

## 12. ICE CREAM MICROBIOLOGY

Ice Cream as a Carrier Disease  
The Bacterial Count of Ice Cream



Mix Ingredients as a Source of Bacteria  
Dairy Products as a Source of Bacteria  
Sugar as a Source of Bacteria  
Stabilizers as a Source of Bacteria  
Flavouring Materials as a Source of Bacteria  
Strawberries, Raspberries or Black Berries  
Peaches  
Oranges and Lemons  
Bananas and Mangoes  
Dried Fruits  
Fruit Juices  
Nuts  
Colours as a Source of Bacteria  
Eggs as a Source of Bacteria  
Destruction of Bacteria by Pasteurization  
Recontamination of the Mix After Pasteurization  
The Effect of Ageing on the Bacterial Count  
The Effect of Freezing and Hardening on the Bacterial Count.  
Bacteriological Standards for Ice Cream  
Milk and Milk Products  
Ice Cream Defined  
Classification of Ice Creams and Related Frozen Foods  
Composition of Commercial Ice Cream  
The Ingredients Used in the Manufacture of Ice Cream  
Quality of Dairy Products for Ice Cream  
Sweeteners for Ice Cream  
Ice-Cream Stabilizers  
Flavouring Materials  
Preparation of the Ice-Cream Mix  
Technical Skill Necessary  
Procedure in Calculating a Mix  
Homogenizing the Mix  
Ageing the Mix  
Quality of Ice Cream  
Ice-Cream defects  
Body and Texture Defects  
Colour Defects  
Distribution of Ice Cream  
Ice-Cream Making in the Home

### 13. METHODS OF LABORATORY TESTS

Judging Flavour and Aroma  
Gerber Test for Fat in Milk and Cream  
SNF and Total Solids in Milk by Lactometer  
Analysis of Fat in ice Cream  
Ether Extraction Test  
Preparation of Sample  
Procedure  
Gerber Test  
Apparatus and Reagents  
Preparation of Sample  
Procedure

Determination of Total Solids

Mojonnier Total Solids Test

Procedure

AQAC Official Method (AoAC International, 2000)

Determination of Acidity in Plain Ice Cream Mix

Determination of Free Fat in Ice Cream (Free Fat Estimate or FFE Value)

Apparatus and Reagents

Procedure

Calculation

Chromatographic Analysis

Stability to Heat Shock

Meltdown Test and Shape Retention

Farrall Homogenization Index

Measurement of Viscosity

Pipette Method

Borden Flow Meter Method

Brookfield Viscometer

Calculation

Test for Ammonia Leaks

Surface Tension

14. ICE CREAM NOVELTY IMPULSE PRODUCTS 255

Molded Novelties

Extruded Novelties

15. ICE CREAM SHELF-LIFE 259

Temperature Fluctuations and Ice Recrystalliation

The Role of Stabilizers

Maintaining Shelf-Life

16. ICE CREAM INGREDIENTS 263

Milkfat ( or "Butterfat") /FAT

Milk solids-Not-Fat

Lactose Crystallization

Sweeteners

Stabilizers

Locust Bean Gum

Emulsifiers

Polysorbate 80

17. MIX CALCULATIONS FOR ICE CREAM AND  
FROZEN DAIRY DESSERTS

Problem 1

Solution

Problem 2

Solution

Problem 3

Problem 4

Problem 5

Problem 6

Problem 7 (Using Liquid Sweeteners)

18. STRUCTURE OF ICE CREAM

Colloidal Aspects of Structure

Ice Cream Meltdown

Structure from the Ice Crystals

## 19. THEORETICAL ASPECTS OF THE FREEZING PROCESS

- The Process of Crystallization
- Importance of Crystallization Rate
- Importance of Temperature Fluctuations and Re-Crystallization
- Formation of the Glassy Phase in Frozen Foods
- Formation of a Dilute Glass

## 20. ICE CREAM MANUFACTURE

- Blending
- Pasteurization
- Homogenization
- Ageing
- Freezing and Hardening
- Hardening

## 21. ICE CREAM FLAVOURS

- Introduction
- Vanilla
- Chocolater and Cocoa
- Fruit Ice Cream
- Nuts in Ice Cream
- Colour in Ice Cream

## 22. HOMEMADE ICE CREAM

- Ingredients Used
- Preparation of the Ice Cream Mix
- Aging the Mix
- Freezing the Mix
- Regular Vanilla Ice Cream
- Low Calorie Vanilla Ice Cream
- Milk Substitute Vanilla Ice Cream
- Hints for Making Good Ice Cream

## 23. ICE CREAM FORMULATIONS

- Ice Cream Mix General Compositon
- Formulation Considerations
- Economy Brands
- Standard Brands
- Premium Brands
- Super-premium Brands
- Suggested Mixes

## 24. AUTOMATIC ICE CREAM BAKING MACHINE

### AGC-SERIES

- Features
- AGC Series
- Features
- Gas Burners
- Scraping Device
- Cone Ejector

Stacking Device  
Output Details  
Baking Process

## 25. NEW PROCESSING TECHNOLOGY -NEW PREMIUM 3D ICE CREAM PRODUCTS

Enhanced Market Opportunities  
Low Capital & Flexibility

## 26. SAMPLE ICE CREAM CONE DRAWING 331

Design for Cone Diameter 30-40 mm  
Design for Cone Diameter 40-50 mm  
Design for Cone Diameter 50-56 mm  
Design for Sugar Conges  
Design for Cups

## 27. MOLDED CONES & CUPS

Process & Machines

## 28. ICE CREAM CONE MAKING

Product & Its Application  
Market  
Raw Material Requirements  
Manufacturing Process  
Wafer Cone Machine  
Technical Parameter  
Wafer Cone/Cup Pictures for Reference, Other Size & Shape  
can be Customized

## 29. SUCCESS STORY OF NATURAL ICE CREAM

About Natural Ice Cream  
Four Ps of Naturals ice cream  
Product  
Price  
Place  
Promotion  
Success and the Future

## 30. SPECIFICATIONS OF ICE CREAM PLANT

1. Pasteurising: 200 Ltr
2. Milk Pump with Filter
3. Homogeniser
4. Ice Cream Mix Phe
5. Cooling Tower
6. Ageing Vat
7. Flavour Tank
8. Continuous Freezer
9. Fruit Feeder
10. S.S. Piping for Ice Cream Mix Plant
11. Skid For Ice Cream Mix Plant
12. Control Panel
13. Hardner Tunnel Model

Equipments and Machinery for Ice Cream Plant  
(200 LPH)

## Technical Specification

31. PROCESS FLOW DIAGRAM

32. SAMPLE PLANT LAYOUT

33. PHOTOGRAPHS OF MACHINERY WITH SUPPLIER'S CONTACT DETAILS

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