

HANDBOOK OF  
**FOOD  
ADDITIVES**

Compiled by  
Michael and  
Irene Ash

AN INTERNATIONAL  
GUIDE TO MORE  
THAN 7500 PRODUCTS  
BY TRADE NAME,  
CHEMICAL,  
FUNCTION, AND  
MANUFACTURER

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# Handbook Of Food Additives

**Thomas E. Furia**



## **Handbook Of Food Additives:**

CRC Handbook of Food Additives, Second Edition Thomas E. Furia, 1980-07-29      **Handbook of Food Additives** Michael Ash, Irene Ash, 2002 This handbook has been extensively updated and describes more than 6 000 trade name additives and more than 3 000 generic chemical additives that are used in food products The handbook also includes direct additives intentionally added to food to affect its quality and indirect additives those additives that might be expected to become part of a food or as a result of production processing storage or packaging Additives are critical components of food preparation as they play an important role in increasing the flavor texture preservation and value of food products as well as aiding in all aspects of food manufacture Food regulations for the US Europe E numbers and Japan are also included Some of the food additives covered in this reference are anticaking agents antioxidants fillers flavors emulsifiers instantizing agents nutrients pH control agents solvents starch complexing agents stiffening agents suspending agents sweeteners tenderizers texturizers thickeners etc This reference is exhaustively cross referenced by chemical component function application CAS number EINECS ELINCS number and FEMA number More than 1 500 worldwide manufacturer      **CRC Handbook of Food Additives, Second Edition** Thomas E. Furia, 1973-01-02      *CRC Handbook of Food Additives* Chemical Rubber Company (Cleveland, Ohio), 1983      **CRC Handbook of Food Additives** Thomas E. Furia, 1968      **CRC Handbook of Food Additives** Chemical Rubber Company, 1968      *Food Additive User's Handbook* J. Smith, 2013-11-11 The aim of this book is to present technical information about the additives used in food product development in a concise form Food product development is an activity which requires application of technical skills and the use of a diverse range of information Normally this information is scattered throughout the vast food science literature in journals and books and in technical publications from the various suppliers It has been my experience through consulting with the food industry that there is a need for information on food additives in a quick to use form in tables and figures where possible Time wasted during information retrieval causes delay in practical development work which results in delay of product launch and possibly the loss of market advantage This handbook will be used by food product development staff and by all food scientists requiring access to information on food additives in a quick to use format Some knowledge of food science is assumed Each chapter contains a bibliography which can be consulted if further information is required Local legislation will have to be consulted to determine the legality of use of the additive in which foods and at what level of addition Information on safety can be found in *Food Additives Handbook* 1989 by R I Lewis published by Van Nostrand Reinhold New York      **Handbook of Food Additives** Thomas E. Furia, 1975      **Handbook of Food Additives** Michael and Irene Ash Staff, 2002      **CRC Handbook of Food Additives** Chemical Rubber Company (Cleveland, Ohio), Thomas E. Furia, 1977      **Encyclopedia of Food and Color Additives** George A. Burdock, 1997 A 3 volume reference set you ll use every day Suppose you are the regulatory affairs manager for a food company and your boss calls about beet red a coloring agent touted by a salesman as natural Your

boss needs to know if this claim is true How do you find out Perhaps you are an attorney for a company manufacturing ethnic marinade mixes and a customer charges that the chemical cinnamaldehyde which the mixes contain is being tested for carcinogenicity by the National Toxicology Program Is your company manufacturing food that is potentially toxic With the Encyclopedia of Food and Color Additives the answers are at your fingertips You quickly look up Beet Red and find it is indeed natural a product of edible beets You are able to assure your boss that the claim is valid After consulting the Encyclopedia you calmly inform the customer that cinnamaldehyde is not only approved for use in food but it is a primary constituent of cinnamon a common household spice The Encyclopedia provides you with a quick understandable description of what each additive is and what it does where it comes from when its use might be limited and how it is manufactured and used What FDA or PAFA name Listed in bold is the name by which the FDA classifies the substance List of Synonyms From the Chemical Abstract the IUPAC name and the common or folklore name for natural products are listed Standardized names are provided for each substances The most commonly used names are in bold type Current CAS Number The current FDA number for the substance Other CAS Numbers Numbers used previously or that are used by TSCA or EINICS to identify the substance Empirical Formula Indicates the relative proportion of elements in a molecule Specifications Includes melting point boiling point optical rotation specific gravity and more Where Description Where the substance is grown how it is cultivated gathered and brought to market how it gets into food species and subspecies producing this commodity differences in geographical origin and how it impacts the quality of the product Natural Occurrence Lists family genus and species Explains variances between the same substance grown and cultivated in different geographies Natural Sources For synthetic or nature identical substances the Encyclopedia provides a list of foods in which a substance is naturally found When GRAS status Generally Recognized as Safe status as established by the Flavor and Extract Manufacturer s Association FEMA or other GRAS panels Regulatory Notes This citation gives information about restrictions of amount use or processing of substances Table of Regulatory Citations Lists CFR numbers and description of permitted use categories How Purity For some substances there are no purity standards Here current good manufacturing practices are reported as gathered from various manufacturers Allows you as the consumer to know what is available and standard in the industry Functional Use in Food The FDA has 32 functions for foods such as processing aids antioxidants stabilizers texturizers etc Lists the use of the particular substance as it functions in food products You get all this data plus an index by CAS number and synonym to make your research even easier The Encyclopedia of Food and Color Additives sorts through the technical language used in the laboratory or factory the arcane terms used by regulatory managers and the legalese used by attorneys providing all the essentials for everyone involved with food additives Consultants lawyers food and tobacco scientists and technicians toxicologists and food regulators will all benefit from the detailed well organized descriptions found in this one stop source

Handbook of Food Additives ,1995

**CRC Handbook of Food Additives Handbook of Food Additives** Chemical

Rubber Company,1972      *Food Additive User's Handbook* James S. Smith,2012-11-12 The aim of this book is to present technical information about the additives used in food product development in a concise form Food product development is an activity which requires application of technical skills and the use of a diverse range of information Normally this information is scattered throughout the vast food science literature in journals and books and in technical publications from the various suppliers It has been my experience through consulting with the food industry that there is a need for information on food additives in a quick to use form in tables and figures where possible Time wasted during information retrieval causes delay in practical development work which results in delay of product launch and possibly the loss of market advantage This handbook will be used by food product development staff and by all food scientists requiring access to information on food additives in a quick to use format Some knowledge of food science is assumed Each chapter contains a bibliography which can be consulted if further information is required Local legislation will have to be consulted to determine the legality of use of the additive in which foods and at what level of addition Information on safety can be found in *Food Additives Handbook* 1989 by R J Lewis published by Van Nostrand Reinhold New York      *CPC Handbook of Food Additives* ,1968      **Handbook of Food Additives** ,1995      **Handbook Food Additives** Thomas E. Furia,1973-01-02      **Handbook of Food Toxicology** S.S. Deshpande,2002-08-29 From health and economic consequences to exposure assessment and detoxification this reference comprehensively covers the formation characteristics and control of various toxins that occur in the production storage handling and preparation of food The author discusses toxin sources mechanisms routes of exposure and absorption and their chemical and biochemical components to prevent contamination of food products and reduce epidemics of foodborne disease The book contains more than 3000 references to facilitate further research as well as recent guidelines from the FDA and World Health Organization regarding food hygiene and safety      *CRC Handbook of Food Additives* ,1972

Food Additive User's Handbook Dr. James Smith,Jim Smith,1991 The user addressed in the person in the food processing industry who decides what to add to the product not the person who will later eat the food Presents technical information on the sources characteristics intended and unintended effects and the regulation of a wide range of chemicals and co

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