

GRAS Flavoring Substances 30

30. GRAS Flavoring Substances. This list of substances will appear in the 30th publication authored by the Expert Panel of the Flavor and Extract Manufacturers Association on recent progress in the consideration of flavoring ingredients “generally recognized as safe” (GRAS) under conditions of their intended use in food flavorings in accordance with the 1958 Food Additives Amendment to the Federal Food, Drug and Cosmetic Act. For more information on FEMA GRAS™ see “About the FEMA GRAS Program” on the FEMA website.

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The Expert Panel of the Flavor and Extract Manufacturers Association of the United States (FEMA) has evaluated substances for GRAS status under their conditions of intended use as flavoring substances since the early 1960s. The regulations of the U.S. Food and Drug Administration (FDA), and U.S. law, require that determinations that flavor substances and other food ingredients are “generally recognized as safe” (GRAS) be done in such a way that all information related to GRAS determinations is publicly available. The FEMA Expert Panel has met this requirement by publishing the identity of all flavoring substances determined to be GRAS by the Panel, and has submitted all information related to its GRAS reviews on these substances to the FDA for inclusion in the FDA databases. Information that was reviewed by the Expert Panel in the course of their evaluation of new flavoring substances is typically submitted to FDA within six months of the publication of their identity. The Expert Panel also publishes separate extensive reviews of scientific information on all FEMA GRAS flavoring substances in the peer-reviewed scientific literature in the form of reports on the safety of structurally-related groups of flavoring substances. These important actions assure that there is “general recognition” of the safety of these substances when used as flavors.

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Table 1. Primary names (in boldface) Synonyms (in lightface)

FEMA No.	Primary Names and Synonyms
4943	Decanedioic acid 1,8-Octanedicarboxylic acid 1,10-Decanedioic acid Sebacic acid Decanedicarboxylic acid

Table 2. Average Usual Use Levels (ppm)/Average Maximum Use Levels (ppm) on which the FEMA Expert Panel based its judgments that the substances are generally recognized as safe (GRAS)

	Decanedioic acid
Category/FEMA No.	4943
Baked Goods	40/200
Beverages, Non-Alcoholic	20/50
Beverages, Alcoholic	15/30
Breakfast Cereals	50/100
Cheeses	40/100
Chewing Gum	100/300
Condiments and Relishes	30/100
Confections and Frostings	40/100
Egg Products	50/100
Fats and Oils	50/100
Fish Products	50/100
Frozen Dairy	40/100
Fruit Ices	30/60
Gelatins and Puddings	30/60
Granulated Sugar	0/0
Gravies	40/100
Hard Candy	50/200
Imitation Dairy	40/100
Instant Coffee and Tea	30/100
Jams and Jellies	50/100
Meat Products	50/100
Milk Products	40/100
Nut Products	40/100
Other Grains	50/200
Poultry	50/100
Processed Fruits	50/100
Processed Vegetables	50/100
Reconstituted Vegetable Protein	50/100
Seasonings and Flavors	50/100
Snack Foods	50/100
Soft Candy	50/200
Soups	50/300
Sugar Substitutes	30/60
Sweet Sauces	40/100