

# Th. Geyer



**P**remium  
**F**lavour  
**S**election  
~  
**2012**

**Sweet and Savoury Flavours by Symrise**  
**Good Taste for Perfect Ideas**



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In 1892 Th. Geyer was founded as a merchandising concern for chemicals. Th. Geyer is a specialised trading company. We grant reliability and apply our know how to all our customers. Acting as an independent supplier we can offer best solutions for your needs. Decades of experience are the key for us to perform all product- and country-specific requirements on aroma chemicals, raw materials and ingredients.

### Expertise

Decades of experience and our know-how allow us to offer you excellent products out of a broad portfolio. Starting with detailed demand analysis and close cooperation with manufacturers we generate innovative solutions for our customers. Product specialists together with skilled and well-trained team of sales representatives in the field as well as desk sales always grant comprehensive service to our customers.

### Reliability

We always do our best to satisfy our customers with professional consulting, clear concepts and high delivery reliability. Customized supply-chain solutions, flexible e-procurement tools, an excellent availability of products and perfect logistic solutions are the corner stones to cover your needs.

### Flexibility

We always adapt to cover your requirements and needs in selecting and sourcing the right products or services for you as well as in creating tailor-made full supply concepts.

### Close to you

We set great store by supporting you in a personal and very direct way. The sites and the sales representatives are based all over the country. This allows us to grant you on-site support wherever our customers are located.

### Quality

Already in 1998 we have achieved DIN EN ISO 9001:2000 certification of our quality management system. Quality is just more for than a word for us:

It is our guideline

- to select new products and manufacturers
- in further development of internal and external processes
- in permanent further education and training of our staff

The companies of Th. Geyer Group are working in two different business areas:

### Business Unit Ingredients

- Flavours
- Flavour Chemicals
- Food Colour
- Fruit Powder
- Fragrances
- Perfume Oils
- Cosmetic Ingredients
- Chlorhexidine Derivates
- Pharmaceutical Raw Materials

### Business Unit Labour

- Laboratory Chemicals
- Biochemicals
- Microbiology
- Diagnostics
- Chemicals for Synthesis and Production
- Life Science
- Laboratory equipment
- Consumables
- Laboratory Furniture

The Th. Geyer Business Unit Ingredients and its product range is represented by our branch office Höxter. Decades of experience and world wide sourcing enable us to offer a widespread product portfolio. Strict criteria for products and suppliers assure highest level of quality to meet product and country specific customer's requirements.

Symrise was founded in 2003 by the merger of Haarmann & Reimer and Dragoco, both based in Holzminden (Germany). In 2002 private equity firm EQT Northern Private Equity and Bayer reached an agreement on the acquisition of Haarmann & Reimer while acquiring the shares of minority holders of Dragoco. Horst-Otto Gerberding, majority holder and Chairman of the Executive Board at Dragoco, placed all of his shares into the new corporation and the merger was completed May 23, 2003.



### Think global - Taste Local

Symrise is among the global leaders in the flavourings industry. With their development and production centres in Europe, Asia, North and South America they not only know the world's markets - they place high priority on understanding the needs and wishes of the customers and translating this knowledge into successful products. Their locations in 26 countries provide us with valuable information about the latest trends and current market developments, and they share these insights with the national clients and partners. Symrise's recipe for success is „Think global - Taste local“: creating individual, authentic flavouring compositions on the rapidly changing market for food products.

### A world of products - Competently individualized for your needs

Symrise has a network of selected sales partners in Europe which allows it to offer national food and beverage manufacturers all of the advantages of working with a globally active corporation. At the same time, customers also have access to the versatility of a product portfolio which reflects both current international trends and regional flavour preferences.

### Customized products for local markets

In close cooperation with their sales partners, Symrise has developed individual flavouring concepts, which have been customized for the local markets of the clients and partners. The Symrise distribution network gives you preferred access to a Premium Flavour Selection, an extensive range of successful products with added value potential and they all meet Symrise's high quality standards.

### Symrise and Th. Geyer

The flavourings market is a global market. There are many worldwide trends and multiple influences on the international food market, but at the same time, consumers remain faithful to their national and regional culinary preferences. Customers benefit from Symrise and Th. Geyer's combined competence and innovative power of an international market leader with a national orientation.

### Our PREMIUM FLAVOUR SELECTION is your advantage!

- Quick service for samples from the warehouse including documentation
- Minimal quantities can be ordered
- The wide selection of a multinational flavouring manufacturer's most successful flavouring compositions
- Access to innovative products in state-of-the-art technology
- Regular presentations of new and innovative products and concepts
- Support for selection of flavours matching the taste and the technological requirements
- Customized product developments for core projects
- Insight into consumer research and behaviour
- Information on sensory analysis and trend monitoring

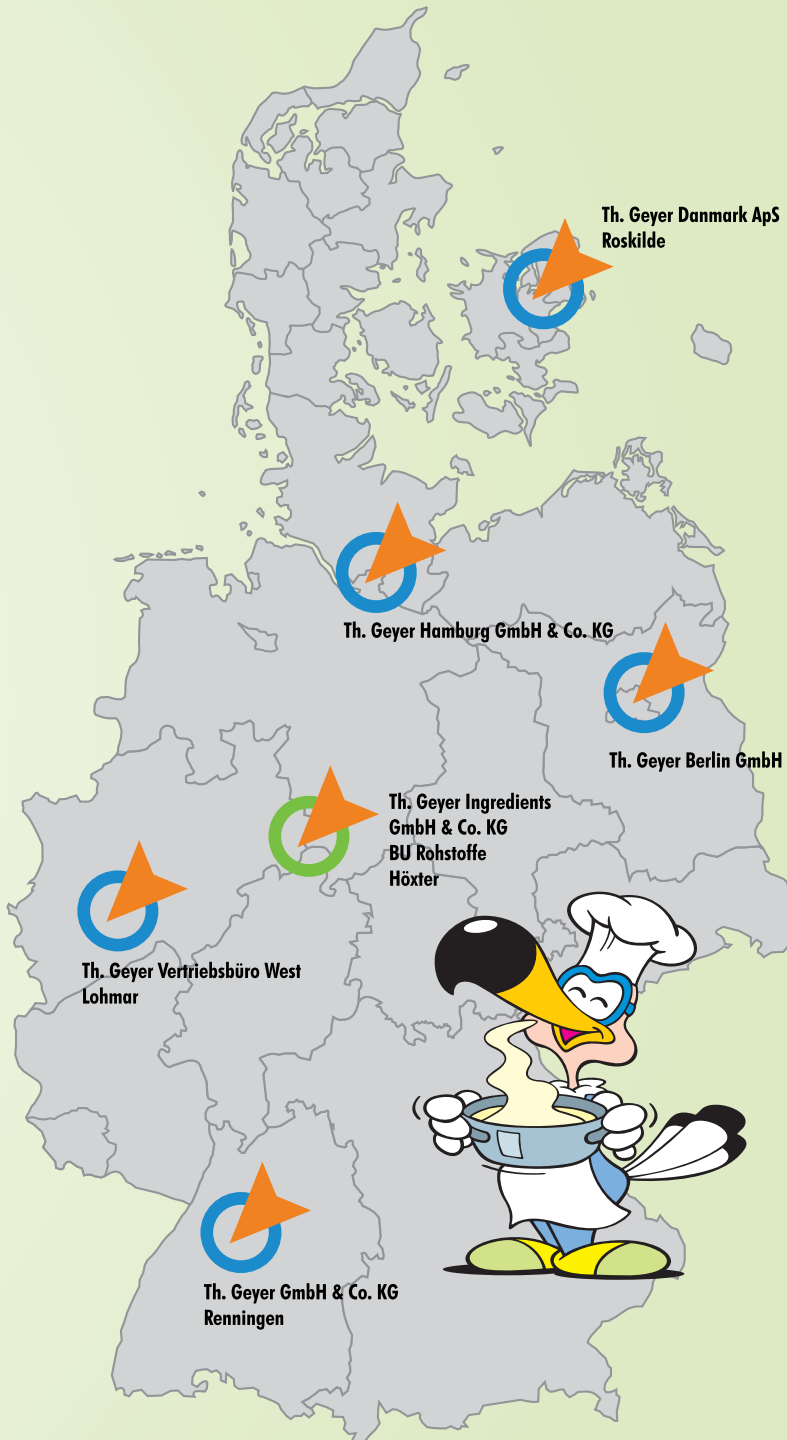
For any question please do not hesitate to contact us. Our skilled sales people and product experts will do their best to give you all necessary support.

### Your Geyer Team of the Business Unit Ingredients

#### Legend

- |   |                           |
|---|---------------------------|
| SC = Flavouring Regulation Scenario s. Page 14-15 | n. p. = Not proved        |
| SC 2 = Natural (-) Flavouring                     | Alcohol = Alcohol Content |
| SC 3 = Natural (-) Flavouring Wonf                | MSG = MSG - Content       |
| SC 4 = Natural Flavouring                         | Shelf life = Months       |
| * = Ask for Declaration                           |                           |

Scenarios are according to the German EC Flavouring regulation No. 1334/2008 and can differ from other countries. Please ask for Technical Data Sheet according to the regulation of your country.



Number	Product Name	Features	Declaration	Product Description	Alcohol	Carrier
202195	Apple Flavour	liquid	natural, SC 4	juicy, red, ripe	0,0%	propylene glycol
208152	Apple Flavour	liquid	Flavouring	green, candy like, fresh	0,0%	propylene glycol
299788	Apple Flavour	spray dried	natural, SC 3	green, fresh	0,0%	maltodextrine, gum
653207	Apple Flavour	spray dried	Flavouring	red fruit, puree type, green	0,0%	maltodextrine, dextrin
633961	Apple (Fried) Flavour	liquid	Flavouring	fried, cinnamon	0,0%	propylene glycol
648664	Apple (Green) Flavour	liquid	Flavouring	green, ripe	0,0%	propylene glycol
836168	Apple Flavour Flavourable®	liquid	Flavouring	green, fresh, juicy, kernel	0,0%	triacetin
653260	Apricot Flavour	spray dried	Flavouring	juicy, fruity	0,0%	maltodextrine, dextrin
653460	Apricot Flavour	liquid	Flavouring	fruity, fuzzy, juicy	1,0%	propylene glycol
653613	Apricot Flavour	spray dried	natural, SC 4	furry, peach, sweet	0,0%	maltodextrine, dextrin
693517	Apricot Flavour	liquid	natural, SC 4	fresh fruit, juice type	7,2%	propylene glycol
834612	Apricot Flavour	liquid	natural, SC 2	juice type, ripe	27,7%	propylene glycol
204870	Banana Flavour	liquid	Flavouring	candy like, tutti frutti, ripe	0,0%	propylene glycol
653193	Banana Flavour	spray dried	Flavouring	unripe, peely, boiled	0,0%	maltodextrine, dextrin
653381	Banana Flavour	spray dried	natural, SC 4	fruity, ripe, juicy, estery	0,0%	maltodextrine, dextrin
877053	Banana Flavour	liquid	natural, SC 4	ripe, vanilla	6,3%	propylene glycol, water, ethanol
872085	Banana Flavour Flavourable®	liquid	Flavouring	flowery, ripe, sweet	0,0%	propylene glycol
221106	Bilberry/Blueberry Flavour	liquid	Flavouring	fresh, ripe, earthy notes	0,0%	propylene glycol
653517	Bilberry/Blueberry Flavour	liquid	natural, SC 2	resinous, sweet, ripe	0,3%	propylene glycol, ethanol
653498	Blueberry Flavour	spray dried	natural, SC 4	fruity, sweet	0,0%	maltodextrine, dextrin
693513	Blueberry Flavour	liquid	natural, SC 4	earthy, fruity	0,0%	propylene glycol, triacetin
648673	Blackberry Flavour	liquid	Flavouring	fruity	0,0%	propylene glycol
877044	Cherry Flavour	liquid	natural, SC 2	fruity, green, almond, candy like	47,9%	no solvent
290338	Cherry Flavour	spray dried	Flavouring	fruit flesh, juicy, fresh	0,0%	gum arabic, maltodextrine, triacetin
344080	Cherry Flavour	spray dried	natural, SC 4	fruity, juicy, ripe	0,0%	maltodextrine, dextrin, vegetable oil
648543	Cherry Flavour	liquid	natural, SC 4	candy like, fleshy, juicy	1,0%	propylene glycol
653109	Cherry Flavour	liquid	Flavouring	fruity, juicy, fresh	0,0%	propylene glycol, lactic acid
218669	Cherry (Amarena) Flavour	liquid	natural, SC 3	almond, juicy	55,2%	ethanol
836174	Cherry Favour Flavourable®	liquid	Flavouring	sweet, flowery, candy like	0,0%	propylene glycol
650722	Cranberry Flavour	spray dried	Flavouring	fruity, sour	0,0%	maltodextrine, gum arabic
651009	Cranberry Flavour	Liquid	Flavouring	berry, fruity	0,1%	propylene glycol
653588	Cranberry Flavour	liquid	natural, SC 4	fruity, harsh, earthy	0,6%	propylene glycol
834609	Currant (Black) Flavour	liquid	natural, SC 2	juicy, fruity, harsh, jammy	0,0%	propylene glycol, triacetin
216764	Currant (Black) Flavour	liquid	natural, SC 2	fresh, fruity, jammy notes	32,9%	ethanol, water
648071	Currant (Black) Flavour	liquid	Flavouring	fruity, juicy, fresh	0,0%	propylene glycol
202114	Fruits Of The Forest Flavour	spray dried	natural, SC 4	berry, sweet, typical, sour	0,0%	maltodextrine, gum arabic
205424	Fruits Of The Forest Flavour	liquid	Flavouring	raspberry, vanilla,	2,6%	propylene glycol
653533	Fruits Of The Forest Flavour	spray dried	Flavouring	fruity, floral, ripe	0,0%	maltodextrine, dextrin, triacetin
651553	Grape Flavour	liquid	Flavouring	concord	0,1%	triacetin
170018	Grapefruit Flavour	liquid	Flavouring	sulphurous, peely, juicy	0,0%	no solvent
158862	Grapefruit Flavour	liquid	Flavouring	bitter, juicy, floral, sour	0,0%	triacetin
652603	Grapefruit Flavour	spray dried	natural, SC 4	juicy, peely	0,0%	maltodextrine, dextrin
648760	Kiwi Flavour	spray dried	Flavouring	fruity, green	0,0%	maltodextrine, gum arabic
246817	Lemon Flavour	liquid	natural, SC 2	peely, juicy, lime, sour	0,1%	no solvent
652946	Lemon Flavour	liquid	natural, SC 4	terpenic, sweet, lime, peely	0,0%	vegetable oil (soya)
654500	Lemon Flavour	spray dried	natural, SC 4	terpenic, sweet, lime, peely	0,0%	maltodextrine, gum arabic
654574	Lemon Flavour	liquid	natural, SC 4	fleshy, fruity, sweet	0,0%	no solvent
655576	Lemon Flavour	spray dried	natural, SC 4	terpenic, floral, peely, juicy	0,0%	maltodextrine, gum arabic
836178	Lemon Flavour Flavourable®	liquid	Flavouring	peely, undefined, juicy	0,0%	triacetin
321981	Lemon Grass Flavour	liquid	natural, SC 2	fruity, peely	29,0%	ethanol
654503	Lemon-Lime Flavour	spray dried	natural, SC 4	zesty, floral, peely, juicy	0,0%	maltodextrine, gum arabic
654957	Lime Flavour	liquid	Flavouring	juicy, ripe, fruity	0,0%	triacetin
655460	Mandarin Flavour	liquid	Flavouring	orange, sweet	0,0%	no solvent
221109	Mango Flavour	liquid	Flavouring	fruity, juicy	0,0%	propylene glycol
693515	Mango Flavour	liquid	natural, SC 4	ripe, lactonic, fruit flesh, fresh fruit	0,2%	propylene glycol
876398	Mango Flavour	liquid	natural, SC 2	coconut, fruity	0,1%	propylene glycol
872865	Mango Flavour	spray dried	natural, SC 4	mango, ripe, sweet, terpenic	0,0%	maltodextrine, dextrin
653580	Mango Totapuri Flavour	spray dried	Flavouring	fleshy, fruity	0,0%	maltodextrine, dextrin
653703	Orange (Blood) Flavour	spray dried	Flavouring	juicy, ripe	0,0%	maltodextrine, gum arabic
222487	Orange (Blood) Flavour	liquid	natural, SC 3	peely, green	0,0%	no solvent

Number	Product Name	Shelf life	Biscuits	Cakes	Fillings	Candies	Jellies	Ice	Sorbet	Dessert	Tea	Drinks
202195	Apple Flavour	12	0,40%	0,30%	0,40%	0,30%	0,30%	0,05%	0,10%	0,08%	n. p.	n. p.
208152	Apple Flavour	12	0,15%	0,12%	0,15%	0,10%	0,08%	0,08%	0,05%	0,10%	2,50%	0,15%
299788	Apple Flavour	12	n. p.	n. p.	0,80%	n. p.	n. p.	0,08%	n. p.	0,08%	n. p.	0,10%
653207	Apple Flavour	12	0,50%	0,40%	0,40%	n. p.	n. p.	0,12%	n. p.	0,20%	n. p.	n. p.
633961	Apple (Fried) Flavour	15	0,40%	0,30%	0,40%	0,20%	n. p.	0,10%	0,08%	0,10%	n. p.	n. p.
648664	Apple (Green) Flavour	18	0,35%	0,25%	0,30%	0,15%	0,10%	0,04%	0,03%	0,05%	n. p.	0,04%
836168	Apple Flavour Flavourable®	18	n. p.	0,30%	0,20%	0,20%	0,15%	0,15%	0,10%	0,06%	n. p.	n. p.
653260	Apricot Flavour	24	0,50%	0,30%	0,40%	n. p.	n. p.	0,10%	n. p.	0,20%	n. p.	0,30%
653460	Apricot Flavour	24	0,40%	0,25%	0,30%	0,15%	0,05%	0,12%	0,50%	0,10%	3,00%	0,03%
653613	Apricot Flavour	24	0,50%	0,30%	0,40%	n. p.	n. p.	0,20%	0,04%	0,15%	n. p.	0,10%
693517	Apricot Flavour	12	n. p.	0,50%	0,40%	0,30%	0,15%	0,25%	n. p.	0,20%	n. p.	n. p.
834612	Apricot Flavour	18	n. p.	n. p.	n. p.	0,50%	0,30%	n. p.	0,12%	0,30%	n. p.	0,30%
204870	Banana Flavour	12	0,40%	0,30%	0,30%	0,15%	0,07%	0,20%	0,15%	0,10%	n. p.	n. p.
653193	Banana Flavour	24	0,20%	0,10%	0,35%	n. p.	n. p.	0,10%	n. p.	0,08%	n. p.	0,10%
653381	Banana Flavour	24	0,40%	0,30%	0,40%	n. p.	n. p.	0,08%	n. p.	0,10%	n. p.	0,10%
877053	Banana Flavour	12	0,40%	0,30%	0,15%	0,20%	0,10%	0,12%	0,08%	0,10%	n. p.	n. p.
872085	Banana Flavour Flavourable®	18	0,50%	0,40%	0,20%	0,30%	0,15%	0,15%	0,08%	0,25%	n. p.	n. p.
221106	Bilberry/Blueberry Flavour	12	0,35%	0,25%	0,30%	0,20%	0,10%	0,08%	0,04%	0,15%	3,00%	0,02%
653517	Bilberry/Blueberry Flavour	24	0,40%	0,30%	0,50%	0,40%	0,08%	0,25%	0,30%	0,15%	n. p.	0,10%
653498	Blueberry Flavour	24	0,25%	0,20%	0,30%	n. p.	n. p.	0,20%	n. p.	0,06%	n. p.	0,04%
693513	Blueberry Flavour	18	0,40%	0,30%	0,30%	0,20%	0,10%	0,15%	0,06%	0,10%	n. p.	n. p.
648673	Blackberry Flavour	24	0,40%	0,30%	0,30%	0,15%	0,10%	0,20%	0,10%	0,15%	2,00%	0,15%
877044	Cherry Flavour	12	0,80%	0,50%	n. p.	0,50%	0,20%	0,30%	0,20%	0,15%	n. p.	n. p.
290338	Cherry Flavour	12	0,40%	0,30%	0,30%	n. p.	n. p.	0,20%	n. p.	0,10%	n. p.	n. p.
344080	Cherry Flavour	15	n. p.	n. p.	0,30%	n. p.	n. p.	0,20%	n. p.	0,10%	n. p.	n. p.
648543	Cherry Flavour	18	0,40%	0,30%	0,50%	0,30%	0,12%	0,20%	0,07%	0,15%	n. p.	0,12%
653109	Cherry Flavour	24	0,40%	0,30%	0,30%	0,15%	0,06%	0,10%	0,08%	0,08%	n. p.	0,03%
218669	Cherry (Amarena) Flavour	12	n. p.	n. p.	n. p.	0,15%	0,20%	0,20%	0,12%	0,10%	n. p.	0,10%
836174	Cherry Favour Flavourable®	18	0,50%	0,40%	0,15%	0,20%	0,10%	0,12%	0,05%	0,06%	n. p.	n. p.
650722	Cranberry Flavour	18	0,40%	0,30%	0,30%	n. p.	n. p.	0,12%	n. p.	0,10%	4,00%	n. p.
651009	Cranberry Flavour	18	0,40%	0,30%	0,30%	n. p.	n. p.	0,12%	n. p.	0,10%	n. p.	0,10%
653588	Cranberry Flavour	24	n. p.	n. p.	0,35%	0,30%	0,08%	0,10%	0,15%	0,20%	n. p.	0,10%
834609	Currant Flavour	18	n. p.	0,40%	0,50%	0,50%	0,20%	0,15%	0,10%	0,15%	n. p.	n. p.
216764	Currant (Black) Flavour	9	n. p.	n. p.	n. p.	0,20%	0,10%	0,15%	0,08%	0,20%	n. p.	0,08%
648071	Currant (Black) Flavour	18	n. p.	0,40%	0,25%	0,15%	0,05%	0,04%	0,12%	0,15%	n. p.	0,07%
202114	Fruits Of The Forest Flavour	18	1,00%	0,80%	0,80%	n. p.	n. p.	0,30%	n. p.	0,40%	n. p.	n. p.
205424	Fruits Of The Forest Flavour	12	0,30%	0,25%	0,25%	0,20%	0,13%	0,20%	0,08%	0,15%	n. p.	n. p.
653533	Fruits Of The Forest Flavour	24	0,40%	0,30%	0,40%	n. p.	n. p.	0,15%	n. p.	0,15%	n. p.	n. p.
651553	Grape Flavour	18	0,25%	0,20%	0,15%	0,10%	n. p.	0,03%	n. p.	0,05%	n. p.	0,05%
170018	Grapefruit Flavour	6	0,40%	0,30%	0,10%	0,15%	0,07%	0,10%	n. p.	0,12%	n. p.	n. p.
158862	Grapefruit Flavour	6	0,30%	0,25%	0,30%	0,30%	n. p.	n. p.	n. p.	0,20%	n. p.	n. p.
652603	Grapefruit Flavour	12	n. p.	n. p.	0,40%	n. p.	n. p.	0,20%	n. p.	0,20%	n. p.	0,15%
648760	Kiwi Flavour	24	0,15%	0,10%	0,10%	0,30%	0,12%	0,05%	0,04%	0,06%	1,50%	0,10%
246817	Lemon Flavour	6	0,30%	0,20%	0,15%	0,15%	0,05%	0,10%	n. p.	0,12%	n. p.	n. p.
652946	Lemon Flavour	12	0,30%	0,20%	0,20%	0,20%	n. p.	0,12%	n. p.	0,20%	n. p.	n. p.
654500	Lemon Flavour	12	0,35%	0,30%	0,30%	n. p.	n. p.	0,08%	n. p.	0,20%	n. p.	0,07%
654574	Lemon Flavour	24	0,30%	0,20%	0,15%	0,12%	0,08%	0,10%	n. p.	0,08%	n. p.	n. p.
655576	Lemon Flavour	12	0,30%	0,20%	0,20%	n. p.	n. p.	0,10%	n. p.	0,05%	n. p.	n. p.
836178	Lemon Flavour Flavourable®	18	0,40%	0,30%	0,20%	0,20%	0,05%	0,12%	0,04%	0,10%	n. p.	n. p.
321981	Lemon Grass Flavour	6	n. p.	n. p.	n. p.	0,50%	0,15%	0,30%	0,20%	0,20%	n. p.	0,40%
654503	Lemon-Lime Flavour	12	0,40%	0,30%	0,25%	n. p.	0,08%	0,10%	n. p.	0,06%	n. p.	0,05%
654957	Lime Flavour	18	0,35%	0,25%	0,20%	0,15%	0,08%	0,10%	n. p.	0,08%	n. p.	0,20%
655460	Mandarin Flavour	12	n. p.	0,20%	0,20%	0,15%	0,05%	0,12%	0,02%	0,10%	n. p.	n. p.
221109	Mango Flavour	12	0,15%	0,10%	0,15%	0,08%	0,04%	0,08%	0,05%	0,10%	n. p.	0,01%
693515	Mango Flavour	18	0,40%	0,30%	0,30%	0,20%	0,06%	0,12%	0,04%	0,15%	n. p.	0,03%
876398	Mango Flavour	6	0,35%	0,30%	0,25%	0,30%	0,08%	0,15%	0,06%	0,15%	n. p.	n. p.
872865	Mango Flavour	18	0,50%	0,40%	0,20%	n. p.	n. p.	0,06%	n. p.	0,03%	n. p.	0,10%
653580	Mango Totapuri Flavour	24	n. p.	n. p.	0,10%	0,20%	0,04%	0,10%	0,06%	0,06%	n. p.	0,05%
653703	Orange (Blood) Flavour	12	0,40%	0,30%	0,60%	n. p.	n. p.	0,10%	n. p.	0,10%	n. p.	n. p.
222487	Orange (Blood) Flavour	6	0,30%	0,20%	0,15%	0,12%	0,10%	0,10%	0,04%	0,10%	n. p.	n. p.



Number	Product Name	Features	Declaration	Product Description	Alcohol	Carrier
210494	Orange Flavour	liquid	natural, SC 4	fresh fruit, ripe, juicy, fruity, candy like	0,0%	propylene glycol
212284	Orange Flavour	dry	natural, SC 4	peely, oily, floral	0,0%	maltodextrine, gum arabic
223272	Orange Flavour	liquid	natural, SC 2	juice type, fleshy, candy like	0,0%	no solvent
648792	Orange Flavour	liquid	natural, SC 2	fruity, juicy, floral, bitter	72,0%	ethanol
652428	Orange Flavour	spray dried	natural, SC 4	juicy, fruity-sweet, candy type	0,0%	maltodextrine
653509	Orange Flavour	spray dried	Flavouring	floral, juicy, very ripe	0,0%	maltodextrine
655228	Orange Flavour	liquid	Flavouring	fruity, sweet, fresh, peely	0,0%	benzyl alcohol
836176	Orange Flavour Flavourable®	liquid	natural, SC 2	peely, fresh fruit, juicy	0,0%	no solvent
693649	Passion Fruit Flavour	liquid	natural, SC 4	sulphurous, tropical, citrus	2,1%	propylene glycol, ethanol
216976	Peach Flavour	liquid	Flavouring	fruity, green	3,4%	propylene glycol
234998	Peach Flavour	liquid	natural, SC 4	flowery, furry, fresh fruit	2,3%	propylene glycol, ethanol
653168	Peach Flavour	liquid	Flavouring	fruity, fresh	0,0%	propylene glycol
654078	Peach Flavour	spray dried	Flavouring	fresh, ripe, tart, puree type	0,0%	maltodextrine, gum arabic
824079	Peach Flavour	spray dried	natural, SC 4	candy like, sweet	0,0%	maltodextrine, gum arabic
835631	Peach Flavour Flavourable®	liquid	Flavouring	fruity, fleshy, sweet, canned	0,0%	propylene glycol, triacetin
650472	Pear Flavour	spray dried	Flavouring	Williams pear, ripe, juicy	0,0%	maltodextrine, dextrin
652586	Pear Flavour	liquid	Flavouring	fruity, peely, fresh, ripe,	0,0%	triacetin
817075	Pear Flavour	liquid	natural, SC 4	fresh, fruity	1,0%	propylene glycol
651757	Pineapple Flavour	spray dried	Flavouring	aromatic, fresh, juicy	0,0%	maltodextrine, dextrin
652284	Pineapple Flavour	liquid	Flavouring	fresh, unripe, fruity	0,1%	propylene glycol
696544	Pineapple Flavour	liquid	natural, SC 4	ripe, juicy, pineapple	50,4%	ethanol, water
837194	Pineapple Flavour	spray dried	natural, SC 4	confectionery like, sweet, unripe	0,0%	maltodextrine, dextrin
872088	Pineapple Flavour Flavourable®	liquid	Flavouring	juicy, ripe, fresh fruit	0,0%	propylene glycol
213175	Plum Flavour	dry	Flavouring	plum, typical, sweet, fresh	0,0%	glucose powder
648179	Plum Flavour	liquid	Flavouring	kernel, floral, candy like, cherry	0,1%	propylene glycol, acid
832728	Plum Flavour	liquid	natural, SC 4	fresh fruit, fleshy, juicy, ripe	0,4%	propylene glycol
151090	Raspberry Flavour	liquid	natural, SC 4	flowery, fresh fruit, green, juicy	0,6%	propylene glycol, ethanol
203580	Raspberry Flavour	liquid	Flavouring	fresh, fruity, juicy	0,1%	propylene glycol, triacetin
227538	Raspberry Flavour	liquid	natural, SC 4	fruity, floral, sweet	24,1%	propylene glycol, sirup, ethanol
271173	Raspberry Flavour	spray dried	natural, SC 4	fruity, typical, berry, ripe	0,0%	maltodextrine, gum arabic
648607	Raspberry Flavour	liquid	Flavouring	fruity, cooked, jammy	0,0%	triacetin
652742	Raspberry Flavour	spray dried	Flavouring	full bodied, fruity, fresh	0,0%	maltodextrine, gum arabic, triacetin
653966	Raspberry Flavour	liquid	Flavouring	fresh, garden, floral	0,0%	triacetin, propylene glycol
872214	Raspberry Flavour Flavourable®	liquid	Flavouring	fresh fruit, floral, fruity, ripe	0,0%	propylene glycol
647760	Strawberry Flavour	spray dried	Flavouring	green, jammy, boiled	0,0%	maltodextrine, gum arabic, triacetin
648510	Strawberry Flavour	liquid	Flavouring	fruity, ripe, juicy	0,0%	propylene glycol
652665	Strawberry Flavour	spray dried	natural, SC 4	creamy, sweet	0,0%	maltodextrine, gum arabic
653248	Strawberry Flavour	liquid	natural, SC 3	fruity, jammy, wild	0,1%	propylene glycol, water
653305	Strawberry Flavour	liquid	natural, SC 4	fruity, jammy, ripe	0,2%	propylene glycol
653772	Strawberry Flavour	liquid	Flavouring	seedy, fruity, garden, ripe	0,0%	propylene glycol
654576	Strawberry Flavour	liquid	Flavouring	seedy, sweet, green, garden	0,0%	propylene glycol
655045	Strawberry Flavour	spray dried	Flavouring	fruity, creamy, jammy, boiled	0,0%	maltodextrine, gum arabic, lactic acid
685427	Strawberry Flavour	liquid	natural, SC 4	fruity, ripe, jammy	0,0%	propylene glycol
872230	Strawberry Flavour Flavourable®	liquid	Flavouring	ripe, jammy	0,0%	propylene glycol
613727	Tropic Fruit Cocktail Flavour	liquid	Flavouring	Tropical, fruity	0,0%	propylene glycol
652489	Tutti Frutti Flavour	liquid	Flavouring	fruity, cocktail, candy like	0,0%	no solvent (ws)
871940	Tutti Frutti Flavour Flavourable®	liquid	Flavouring	orange, tutti frutti	0,0%	no solvent (oil)





Number	Product Name	Shelf life	Biscuits	Cakes	Fillings	Candies	Jellies	Ice	Sorbet	Dessert	Tea	Drinks
210494	Orange Flavour	12	n. p.	0,20%	n. p.	0,15%	0,05%	0,10%	0,10%	0,08%	n. p.	0,04%
212284	Orange Flavour	12	0,30%	0,20%	0,25%	0,30%	n. p.	0,15%	n. p.	0,20%	n. p.	0,08%
223272	Orange Flavour	6	0,25%	0,20%	0,20%	0,15%	0,08%	0,10%	n. p.	0,12%	n. p.	n. p.
648792	Orange Flavour	18	n. p.	n. p.	n. p.	0,25%	0,10%	n. p.	0,05%	0,08%	n. p.	0,05%
652428	Orange Flavour	9	0,30%	0,20%	0,25%	n. p.	n. p.	0,15%	n. p.	0,20%	n. p.	n. p.
653509	Orange Flavour	24	0,30%	0,20%	0,25%	n. p.	n. p.	0,08%	n. p.	0,12%	n. p.	0,10%
655228	Orange Flavour	24	0,25%	0,15%	0,20%	0,20%	n. p.	0,10%	0,04%	0,05%	n. p.	0,02%
836176	Orange Flavour Flavourable®	12	0,30%	0,25%	0,15%	0,20%	0,06%	0,15%	0,06%	0,10%	n. p.	n. p.
693649	Passion Fruit Flavour	18	0,40%	0,30%	0,25%	0,20%	0,06%	0,15%	0,08%	0,15%	n. p.	n. p.
216976	Peach Flavour	12	0,20%	0,15%	0,25%	0,20%	0,10%	0,10%	0,06%	0,12%	3,00%	0,04%
234998	Peach Flavour	12	0,40%	0,30%	0,40%	0,30%	0,20%	0,15%	0,08%	0,20%	n. p.	n. p.
653168	Peach Flavour	12	n. p.	n. p.	0,20%	0,30%	0,05%	0,15%	0,08%	0,60%	n. p.	0,03%
654078	Peach Flavour	24	0,40%	0,30%	0,20%	n. p.	n. p.	0,12%	n. p.	0,15%	n. p.	0,10%
824079	Peach Flavour	12	n. p.	0,30%	0,25%	n. p.	n. p.	0,10%	0,04%	0,10%	2,00%	0,06%
835631	Peach Flavour Flavourable®	12	0,50%	0,40%	0,20%	0,20%	0,08%	0,15%	0,10%	0,20%	n. p.	n. p.
650472	Pear Flavour	24	n. p.	0,40%	0,41%	n. p.	n. p.	0,15%	n. p.	0,10%	n. p.	0,08%
652586	Pear Flavour	24	0,40%	0,30%	0,35%	0,20%	0,07%	0,06%	n. p.	0,10%	n. p.	0,05%
817075	Pear Flavour	9	n. p.	0,50%	n. p.	0,50%	0,15%	0,40%	0,25%	0,30%	n. p.	n. p.
651757	Pineapple Flavour	24	0,35%	0,25%	0,30%	n. p.	n. p.	0,15%	0,20%	0,15%	n. p.	0,10%
652284	Pineapple Flavour	24	0,40%	0,30%	0,30%	0,25%	0,06%	0,13%	0,08%	0,25%	3,00%	0,05%
696544	Pineapple Flavour	18	n. p.	n. p.	n. p.	0,50%	0,20%	n. p.	n. p.	0,20%	n. p.	0,10%
837194	Pineapple Flavour	12	0,30%	0,25%	0,25%	n. p.	n. p.	0,10%	n. p.	0,20%	n. p.	0,03%
872088	Pineapple Flavour Flavourable®	12	0,40%	0,30%	0,20%	0,40%	0,10%	0,08%	0,05%	0,08%	n. p.	0,06%
213175	Plum Flavour	12	0,40%	0,30%	0,30%	n. p.	n. p.	0,15%	n. p.	0,10%	n. p.	n. p.
648179	Plum Flavour	18	0,30%	0,25%	0,30%	0,20%	0,12%	0,20%	0,12%	0,15%	n. p.	0,05%
832728	Plum Flavour	12	0,35%	0,30%	0,30%	0,30%	0,08%	0,12%	0,10%	0,15%	3,00%	0,02%
151090	Raspberry Flavour	12	n. p.	n. p.	n. p.	0,15%	0,06%	0,20%	0,05%	0,10%	n. p.	0,04%
203580	Raspberry Flavour	24	0,15%	0,10%	0,30%	0,30%	0,08%	0,20%	0,10%	0,08%	n. p.	0,10%
227538	Raspberry Flavour	12	n. p.	n. p.	n. p.	0,60%	0,30%	0,40%	0,25%	0,40%	n. p.	1,00%
271173	Raspberry Flavour	12	0,40%	0,30%	0,30%	n. p.	n. p.	0,15%	n. p.	0,20%	n. p.	n. p.
648607	Raspberry Flavour	18	0,30%	0,20%	0,25%	0,20%	0,08%	0,10%	0,12%	0,06%	3,00%	0,02%
652742	Raspberry Flavour	24	0,40%	0,30%	0,25%	n. p.	n. p.	0,25%	0,15%	0,25%	n. p.	n. p.
653966	Raspberry Flavour	18	0,30%	0,20%	0,30%	0,15%	0,07%	0,08%	0,06%	0,12%	n. p.	0,05%
872214	Raspberry Flavour Flavourable®	12	0,25%	0,20%	0,30%	0,20%	0,10%	0,15%	0,06%	0,15%	n. p.	0,05%
647760	Strawberry Flavour	24	0,25%	0,20%	0,25%	n. p.	n. p.	0,12%	0,04%	0,10%	n. p.	0,07%
648510	Strawberry Flavour	24	0,30%	0,20%	0,30%	0,20%	0,10%	0,10%	0,07%	0,15%	n. p.	0,10%
652665	Strawberry Flavour	24	0,30%	0,25%	0,40%	n. p.	n. p.	0,15%	n. p.	0,10%	n. p.	n. p.
653248	Strawberry Flavour	24	n. p.	0,40%	0,30%	0,30%	0,10%	0,20%	0,08%	0,12%	n. p.	0,50%
653305	Strawberry Flavour	18	n. p.	0,60%	0,50%	0,25%	0,15%	0,20%	0,10%	0,20%	n. p.	0,10%
653772	Strawberry Flavour	24	n. p.	n. p.	0,15%	0,20%	0,06%	0,12%	0,08%	0,10%	0,40%	0,02%
654576	Strawberry Flavour	27	0,30%	0,20%	0,25%	0,15%	0,09%	0,10%	0,08%	0,20%	3,00%	0,04%
655045	Strawberry Flavour	24	0,25%	0,20%	0,25%	n. p.	n. p.	0,30%	n. p.	0,10%	2,50%	0,05%
685427	Strawberry Flavour	18	0,40%	0,30%	0,40%	0,20%	0,06%	0,10%	0,05%	0,15%	n. p.	n. p.
872230	Strawberry Flavour Flavourable®	18	0,50%	0,40%	0,20%	0,25%	0,07%	0,15%	0,08%	0,12%	n. p.	0,05%
613727	Tropic Fruit Cocktail Flavour	15	0,30%	0,20%	0,15%	0,06%	0,04%	0,08%	0,03%	0,08%	3,00%	0,10%
652489	Tutti Frutti Flavour	24	n. p.	n. p.	0,15%	0,12%	0,08%	0,10%	0,06%	0,15%	n. p.	n. p.
871940	Tutti Frutti Flavour Flavourable®	18	0,50%	n. p.	0,40%	0,50%	0,10%	0,15%	0,06%	0,08%	n. p.	n. p.



Number	Product Name	Features	Declaration	Product Description	Alcohol	Carrier
652789	Almond Flavour	spray dried	natural, SC 4	sweet, nutty, slightly roasty	0,0%	maltodextrine, dextrin
654566	Almond Flavour	spray dried	Flavouring	roasted, sweet	0,0%	maltodextrine, gum arabic, vegetable oil (peanut)
250970	Almond (Bitter) Flavour	dry	Flavouring	bitter almond	0,0%	glucose, carbonate
652698	Butter Cream Flavour	liquid	Flavouring	condensed milk, caramel like, rounded, sweet, creamy	0,0%	propylene glycol
101909	Butter Flavour	liquid	Flavouring	fatty, sweet, fresh	0,0%	triacetin, acetic acid
650244	Butter Flavour	spray dried	natural, SC 4	well balanced, buttery, fat	0,0%	maltodextrine, dextrin
653270	Butter Flavour	liquid	natural, SC 4	creamy, buttery, fresh, typical	0,0%	vegetable oil
654665	Butter Flavour	liquid	Flavouring	buttery, fatty, caramel like	0,0%	triacetin (kosher), propylene glycol
655010	Butter Flavour	spray dried	Flavouring	fatty, creamy, caramel like, rounded	0,0%	maltodextrine, gum arabic
831808	Butter Flavour	liquid	Flavouring	fatty, buttery	0,0%	propylene glycol, without diacetyl
836172	Butter Flavour Flavourable®	liquid	Flavouring	creamy, caramel, sweet	0,0%	propylene glycol
652945	Butter Vanilla Flavour	liquid	Flavouring	sweet, toffee, creamy, buttery	0,0%	propylene glycol
653490	Butterscotch Flavour	liquid	Flavouring	caramel, creamy	0,0%	propylene glycol
651479	Cappuccino Flavour	spray dried	Flavouring	coffee, creamy, milky	0,0%	maltodextrine, dextrin
651978	Caramel-Cream Flavour	liquid	Flavouring	caramel, cream, buttery, vanillin type	0,0%	triacetin, propylene glycol
220316	Caramel Flavour	liquid	natural, SC 4	buttery, creamy	7,1%	invert sugar syrup
290440	Caramel Flavour	spray dried	Flavouring	milky, creamy,	0,0%	maltodextrine, gum arabic
203061	Caramel Flavour	liquid	Flavouring	roasted	0,0%	triacetin, propylene glycol
653281	Caramel Flavour	spray dried	natural, SC 4	roasted, creamy	0,0%	maltodextrine, dextrin
655008	Caramel (Milk) Flavour	spray dried	Flavouring	typical, creamy, woodruff	0,0%	maltodextrine, gum arabic
217058	Cheesecake Flavour	liquid	Flavouring	creamy, fresh, fruity	9,3%	triacetin, ethanol
653480	Chocolate (Bitter) Flavour	liquid	Flavouring	chocolate (bitter), cocoa, harsh	0,0%	propylene glycol, triacetin
651818	Chocolate Flavour	dry	Flavouring	creamy, vanilla like, caramel like	0,0%	lactose
652167	Chocolate Flavour	spray dried	Flavouring	cocoa, creamy, malt	0,0%	maltodextrine, dextrin
653219	Chocolate Flavour	spray dried	natural, SC 4	sweet, milky	0,0%	maltodextrine, dextrin
836061	Chocolate Flavour	liquid	natural, SC 4	creamy, chocolate	5,7%	propylene glycol, triacetin
872205	Chocolate Flavour Flavourable®	liquid	Flavouring	alcoholic, cocoa	0,0%	propylene glycol
152743	Cinnamon Flavour	liquid	Flavouring	sweet, cinnamon	0,0%	triacetin
295486	Cinnamon Flavour	liquid	natural, SC 4	spicy, clove	0,0%	triacetin
299522	Cinnamon Flavour	spray dried	natural, SC 4	spicy	0,0%	maltodextrine
203392	Cinnamon Coriander Flavour	liquid	natural, SC 4	rounded	0,0%	vegetable oil
648421	Cocoa Flavour	liquid	Flavouring	chocolate, malt, roasted	0,1%	propylene glycol
872200	Cocoa Flavour Flavourable®	liquid	Flavouring	creamy, sweet, chocolate	0,0%	propylene glycol
652214	Coconut Flavour	spray dried	Flavouring	creamy, fatty, sweet	0,0%	maltodextrine, dextrin
652401	Coconut Flavour	liquid	Flavouring	creamy, milky, sweet	0,0%	propylene glycol, triacetin
653345	Coconut Flavour	liquid	natural, SC 4		0,0%	propylene glycol, sirup
651292	Coffee Flavour	spray dried	Flavouring	bitter, roasted	0,0%	maltodextrine, dextrin
654241	Coffee Flavour	liquid	Flavouring	mocca, caramel like, creamy	0,0%	propylene glycol
652095	Coffee (Kopiko) Flavour	liquid	Flavouring	mocca, creamy, roasted	0,0%	propylene glycol
836200	Coffee Flavour Flavourable®	liquid	Flavouring	strong, roasted, black, coffee	1,9%	propylene glycol
654650	Cola Flavour	liquid	Flavouring	lime, peely, cinnamon	0,0%	triacetin
655663	Cola Flavour	liquid	natural, SC 4	lime, fresh	0,0%	Colouring (caramel), water
836171	Cola Flavour Flavourable®	liquid	Flavouring	citrus, cinnamon, sour	0,0%	triacetin
203776	Condensed Milk Flavour	liquid	Flavouring	milky, caramel type, creamy, fatty	0,0%	propylene glycol
212424	Cough Herbs Flavour	liquid	natural, SC 4	herbal, spicy	0,8%	glucose syrup
189884	Cream Flavour	liquid	Flavouring	lactonic	2,9%	propylene glycol, water
225082	Cream Flavour	liquid	Flavouring	creamy, buttery, fatty	0,0%	propylene glycol
653484	Cream Flavour	liquid	natural, SC 4	creamy, sweet, buttery	0,0%	propylene glycol
654297	Cream-Milk Flavour	spray dried	Flavouring	milky, creamy, buttery, caramel	0,0%	maltodextrine, gum arabic
826917	Cream Flavour	liquid	Flavouring	vanilla, milky	3,0%	glycerin, propylene glycol, water
836173	Cream-Caramel Flavour Flavourable®	liquid	Flavouring	buttery, creamy, vanillin type	0,0%	propylene glycol
872211	Cream Flavour Flavourable®	liquid	Flavouring	coumarin, creamy, caramel	0,0%	propylene glycol
210623	Curd Cheese Flavour	liquid	natural, SC 4	fresh, creamy	3,1%	propylene glycol, ethanol
653779	Curd Cheese Flavour	liquid	Flavouring	milky	0,0%	vegetable oil
653780	Curd Flavour	spray dried	Flavouring	buttery, citrus	0,0%	maltodextrine, gum arabic
200021	Gingerbread Flavour	liquid	natural, SC 4	spicy, cinnamon	0,0%	triacetin
397781	Golden Sirup Flavour	spray dried	natural, SC 4	caramel type	0,0%	maltodextrine, gum arabic

Number	Product Name	Shelf life	Biscuits	Cakes	Fillings	Candies	Jellies	Ice	Sorbet	Dessert	Tea	Drinks
652789	Almond Flavour	24	0,60%	0,50%	0,40%	n. p.	n. p.	0,30%	n. p.	0,25%	n. p.	n. p.
654566	Almond Flavour	15	0,25%	0,20%	0,30%	n. p.	n. p.	0,18%	n. p.	0,15%	5,00%	n. p.
250970	Almond (Bitter) Flavour	12	0,30%	0,20%	0,25%	0,20%	n. p.	0,15%	n. p.	0,20%	n. p.	n. p.
652698	Butter Cream Flavour	24	0,20%	0,15%	0,15%	0,20%	n. p.	0,05%	n. p.	0,06%	n. p.	n. p.
101909	Butter Flavour	12	0,25%	0,20%	0,05%	n. p.	n. p.	0,03%	n. p.	0,04%	n. p.	n. p.
650244	Butter Flavour	24	n. p.	0,50%	0,15%	n. p.	n. p.	0,04%	n. p.	n. p.	n. p.	n. p.
653270	Butter Flavour	15	0,30%	0,20%	0,08%	0,15%	n. p.	0,05%	n. p.	0,06%	n. p.	n. p.
654665	Butter Flavour	18	0,05%	0,03%	0,10%	n. p.	n. p.	0,01%	n. p.	0,02%	n. p.	n. p.
655010	Butter Flavour	24	0,20%	0,15%	0,10%	n. p.	n. p.	0,03%	n. p.	0,03%	n. p.	n. p.
831808	Butter Flavour	12	0,15%	0,12%	0,10%	n. p.	n. p.	n. p.	n. p.	0,05%	n. p.	n. p.
836172	Butter Flavour Flavourable®	12	0,10%	0,08%	0,12%	0,20%	n. p.	0,05%	n. p.	0,08%	n. p.	n. p.
652945	Butter Vanilla Flavour	12	0,20%	0,15%	0,20%	0,15%	n. p.	0,06%	n. p.	0,08%	n. p.	n. p.
653490	Butterscotch Flavour	24	0,30%	0,25%	0,15%	0,15%	n. p.	0,12%	n. p.	0,15%	n. p.	n. p.
651479	Cappuccino Flavour	24	0,40%	0,30%	0,25%	n. p.	n. p.	0,20%	n. p.	0,20%	n. p.	n. p.
651978	Caramel-Cream Flavour	24	0,25%	0,20%	0,12%	0,10%	n. p.	0,06%	0,03%	0,12%	n. p.	0,02%
220316	Caramel Flavour	12	0,80%	0,60%	0,60%	0,50%	0,20%	0,40%	0,15%	0,30%	n. p.	0,60%
290440	Caramel Flavour	18	0,30%	0,20%	0,25%	n. p.	n. p.	0,20%	n. p.	0,15%	n. p.	n. p.
203061	Caramel Flavour	12	0,20%	0,15%	0,15%	0,10%	n. p.	0,15%	0,07%	0,12%	n. p.	n. p.
653281	Caramel Flavour	24	0,25%	0,20%	0,15%	n. p.	n. p.	0,10%	n. p.	0,08%	n. p.	n. p.
655008	Caramel (Milk) Flavour	24	0,35%	0,25%	0,30%	n. p.	n. p.	0,12%	n. p.	0,15%	n. p.	n. p.
217058	Cheesecake Flavour	6	0,30%	0,25%	0,30%	0,20%	n. p.	0,15%	0,05%	0,20%	n. p.	n. p.
653480	Chocolate (Bitter) Flavour	12	0,15%	0,10%	0,15%	0,15%	0,07%	0,08%	0,04%	0,06%	n. p.	n. p.
651818	Chocolate Flavour	24	0,20%	0,15%	0,25%	n. p.	n. p.	0,08%	n. p.	0,10%	n. p.	n. p.
652167	Chocolate Flavour	24	0,20%	0,15%	0,20%	n. p.	n. p.	0,12%	n. p.	0,06%	n. p.	0,03%
653219	Chocolate Flavour	24	0,40%	0,30%	0,30%	n. p.	n. p.	0,20%	n. p.	0,15%	n. p.	n. p.
836061	Chocolate Flavour	12	0,35%	0,25%	0,30%	0,20%	n. p.	0,12%	n. p.	0,10%	n. p.	n. p.
872205	Chocolate Flavour Flavourable®	12	0,20%	0,12%	0,15%	0,20%	n. p.	0,10%	n. p.	0,12%	n. p.	n. p.
152743	Cinnamon Flavour	12	0,25%	0,20%	0,12%	0,15%	0,05%	0,08%	n. p.	0,10%	n. p.	n. p.
295486	Cinnamon Flavour	12	0,40%	0,30%	0,25%	0,20%	n. p.	0,15%	n. p.	0,15%	n. p.	n. p.
299522	Cinnamon Flavour	15	0,25%	0,20%	0,15%	n. p.	n. p.	0,10%	n. p.	0,10%	n. p.	n. p.
203392	Cinnamon Coriander Flavour	12	0,30%	0,25%	0,30%	0,12%	0,03%	0,08%	n. p.	0,15%	n. p.	n. p.
648421	Cocoa Flavour	18	0,12%	0,07%	0,15%	0,10%	n. p.	0,03%	n. p.	0,05%	n. p.	0,03%
872200	Cocoa Flavour Flavourable®	12	0,20%	0,15%	0,15%	0,20%	n. p.	0,10%	n. p.	0,08%	n. p.	n. p.
652214	Coconut Flavour	24	0,40%	0,30%	0,25%	n. p.	n. p.	0,20%	n. p.	0,25%	n. p.	n. p.
652401	Coconut Flavour	24	0,25%	0,15%	0,20%	0,15%	n. p.	0,04%	n. p.	0,10%	n. p.	0,05%
653345	Coconut Flavour	18	0,50%	0,35%	0,30%	0,20%	n. p.	0,08%	n. p.	0,10%	n. p.	0,06%
651292	Coffee Flavour	24	0,30%	0,50%	0,30%	n. p.	n. p.	0,20%	n. p.	0,10%	n. p.	n. p.
654241	Coffee Flavour	24	0,35%	0,30%	0,30%	0,30%	n. p.	0,15%	n. p.	0,20%	n. p.	n. p.
652095	Coffee (Kopiko) Flavour	18	0,30%	0,20%	0,20%	0,30%	n. p.	0,15%	n. p.	0,05%	n. p.	0,30%
836200	Coffee Flavour Flavourable®	12	0,25%	0,20%	0,12%	0,20%	n. p.	0,10%	n. p.	0,10%	n. p.	n. p.
654650	Cola Flavour	24	0,25%	0,20%	0,15%	0,20%	0,08%	0,10%	0,05%	0,10%	n. p.	n. p.
655663	Cola Flavour	12	n. p.	n. p.	n. p.	0,50%	0,20%	0,15%	0,12%	0,15%	n. p.	0,20%
836171	Cola Flavour Flavourable®	12	0,40%	0,30%	0,25%	0,30%	0,08%	0,15%	0,08%	0,12%	n. p.	n. p.
203776	Condensed Milk Flavour	24	0,20%	0,15%	0,10%	0,10%	n. p.	0,06%	n. p.	0,05%	n. p.	n. p.
212424	Cough Herbs Flavour	12	n. p.	n. p.	1,80%	2,00%	0,30%	0,50%	n. p.	n. p.	n. p.	n. p.
189884	Cream Flavour	12	0,25%	0,20%	n. p.	0,08%	n. p.	0,09%	n. p.	0,10%	n. p.	n. p.
225082	Cream Flavour	24	0,15%	0,10%	0,06%	0,05%	n. p.	0,03%	n. p.	0,05%	n. p.	n. p.
653484	Cream Flavour	18	0,20%	0,15%	0,12%	0,15%	n. p.	0,10%	n. p.	0,08%	n. p.	0,06%
654297	Cream-Milk Flavour	24	0,20%	0,15%	0,15%	n. p.	n. p.	0,15%	n. p.	0,10%	n. p.	n. p.
826917	Cream Flavour	12	0,20%	0,15%	0,10%	0,06%	n. p.	0,05%	n. p.	0,04%	n. p.	n. p.
836173	Cream-Caramel Flavour Flavourable®	12	0,20%	0,15%	0,15%	n. p.	n. p.	0,12%	n. p.	0,15%	n. p.	n. p.
872211	Cream Flavour Flavourable®	18	0,25%	0,20%	0,15%	0,20%	n. p.	0,10%	n. p.	0,12%	n. p.	n. p.
210623	Curd Cheese Flavour	6	0,30%	0,25%	0,25%	0,30%	0,08%	0,50%	0,03%	0,20%	n. p.	n. p.
653779	Curd Cheese Flavour	15	0,25%	0,20%	0,20%	0,25%	n. p.	0,04%	n. p.	0,05%	n. p.	n. p.
653780	Curd Flavour	18	0,30%	0,20%	0,25%	n. p.	n. p.	0,15%	n. p.	0,20%	n. p.	n. p.
200021	Gingerbread Flavour	12	0,10%	0,07%	0,04%	0,08%	n. p.	0,06%	n. p.	0,08%	n. p.	n. p.
397781	Golden Sirup Flavour	12	0,25%	0,15%	0,20%	n. p.	n. p.	0,10%	n. p.	0,15%	n. p.	n. p.



Number	Product Name	Features	Declaration	Product Description	Alcohol	Carrier
651258	Guarana Flavour	liquid	Flavouring	tutti frutti, undefined	0,0%	propylene glycol
204031	Hazelnut Flavour	liquid	natural, SC 4	fresh, nutty, roasty, fatty	34,9%	glucose syrup, ethanol
398843	Hazelnut Flavour	liquid	natural, SC 4	dried, pealy	4,0%	propylene glycol, ethanol
648544	Hazelnut Flavour	liquid	Flavouring	roasted, creamy, nutty	0,0%	triacetin
653504	Hazelnut Flavour	spray dried	Flavouring	roasted, nutty, creamy	0,0%	maltodextrine, dextrin
872871	Hazelnut Flavour Flavourable®	liquid	Flavouring	sweet, creamy, caramel	0,0%	propylene glycol
655049	Honey Flavour	spray dried	Flavouring	floral, sweet, aromatic	0,0%	maltodextrine, gum arabic
655556	Honey Flavour	liquid	Flavouring	floral, sweet, aromatic	0,0%	propylene glycol
299541	Yoghurt Flavour	spray dried	Flavouring	sour, yoghurt	0,0%	maltodextrine, dextrin
290177	Yoghurt Flavour	spray dried	natural, SC 4	sour, fresh	0,0%	gum arabic
201815	Liquorice Flavour	liquid	Flavouring	anis, spicy	0,0%	triacetin
225229	Maple Flavour	liquid	natural, SC 4	woody	3,8%	syrup, propylene glycol
218682	Marzipan Flavour	liquid	natural, SC 4	bitter, almond	53,0%	ethanol, water
154881	Masking Flavour	liquid	Flavouring	vanilla, lacton	1,7%	propylene glycol
202811	Milk Flavour	dry	Flavouring	milky, sweet	0,0%	maltodextrine, gum arabic
249700	Mint (Ecomint) Flavour	liquid	Flavouring	peppermint	0,0%	no solvent
227254	Mint (Spearmint) Flavour	spray dried	Flavouring	carrone	0,0%	gum arabic, sorbitol
207471	Nut Nougat Flavour	liquid	Flavouring	roasted	0,9%	propylene glycol
618303	Peanut Flavour	liquid	Flavouring	typical	0,0%	propylene glycol
648420	Peanut Flavour	liquid	Flavouring	fatty, nutty, roasted	0,0%	vegetable oil (soya)
200809	Peppermint Flavour	liquid	Flavouring	fresh, arvensis, eucalyptus	11,7%	propylene glycol
219575	Peppermint Flavour	liquid	natural, SC 2	fresh, menthol type, perita type	0,0%	no solvent
290017	Peppermint Flavour	spray dried	natural, SC 4	fresh mint, eucalyptus, piperita, arvensis	0,0%	maltodextrine
151323	Pistachio Flavour	liquid	Flavouring	nutty, roasted	2,3%	triacetin
650360	Speculatus Flavour	liquid	natural, SC 4	spicy	0,0%	vegetable oil
225344	Stracciatella Flavour	liquid	natural, SC 4	chocolate	11,3%	propylene glycol, ethanol, water
615266	Stracciatella Flavour	liquid	Flavouring	cocoa, vanilla, flowery, walnut	2,0%	propylene glycol, ethanol
653254	Tiramisu Flavour	spray dried	Flavouring	coffee, alcoholic, creamy	0,0%	maltodextrine, dextrin
653072	Toffee Flavour	liquid	natural, SC 4	creamy, caramel	0,0%	propylene glycol, syrup
652417	Toffee Flavour	spray dried	Flavouring	caramel like, roasted, creamy	0,0%	maltodextrine, dextrin
652860	Toffee Flavour	liquid	Flavouring	caramel like, creamy, sweet	0,0%	propylene glycol
217870	Truffle (Chocolate) Flavour	liquid	natural, SC 4	cocoa, rum	48,0%	syrup, ethanol
307060	Vanilla Beans Extract	dry	natural, SC 0 *	woody, vanillin type, chocolatey	0,0%	without carrier and solvent
225559	Vanilla (Bourbon) Flavour	liquid	natural, SC 2	pod type, woody, rounded	59,9%	ethanol, water
615667	Vanilla (Bourbon) Flavour	spray dried	natural, SC 3	creamy, balsamic	0,0%	maltodextrine from wheat, gum arabic
219847	Vanilla Bourvanil Flavour	dry	Flavouring	creamy, woody	0,0%	dextrose
250074	Vanilla Bourvanil Flavour	dry	Flavouring	creamy, sweet, balsamic	0,0%	without carrier and solvent
250082	Vanilla Bourvanil Flavour	dry	Flavouring	vanilla bean, caramel like, buttery	0,0%	lactose
655064	Vanilla-Cream Flavour	spray dried	Flavouring	creamy, buttery	0,0%	maltodextrine from wheat, gum arabic
160725	Vanilla Flavour	liquid	natural, SC 4	woodruff	0,0%	propylene glycol, triacetin
201476	Vanilla Flavour	liquid	natural, SC 3	vanillin type, pod type, caramel type	58,2%	without solvent
225112	Vanilla Flavour	dry mix	natural, SC 2	beany, buttery	0,0%	gum arabic, beans
226083	Vanilla Flavour	liquid	natural, SC 2	vanillin type, woodruff	38,9%	syrup, water, ethanol
227204	Vanilla Flavour	liquid	Flavouring	vanillin type, vanilla bean, buttery	3,0%	propylene glycol
648582	Vanilla Flavour	dry	Flavouring	creamy, balsamic, woody	0,0%	lactose
250679	Vanilla Flavour	dry	Flavouring	creamy, caramel like, sweet	0,0%	dextrose
251572	Vanilla Flavour	dry	natural, SC 4	balsamic, buttery, woody	0,0%	lactose
649426	Vanilla Flavour	liquid	natural, SC 2	caramel, cream	49,3%	glycerin, ethanol
654067	Vanilla Flavour	liquid	Flavouring	creamy, sweet, floral	0,0%	propylene glycol
654074	Vanilla Flavour	dry	Flavouring	creamy, sweet, floral	0,0%	maltodextrine from wheat
696754	Vanilla Flavour	liquid	natural, SC 4	buttery, vanilla	3,2%	propylene glycol
873019	Vanilla Flavour	liquid	natural, SC 4	vanillin, sweet	17,5%	propylene glycol, ethanol
651804	Vanilla Flavour	spray dried	natural, SC 4	fruity, creamy, buttery	0,0%	dextrin, maltodextrine from wheat
872073	Vanilla Flavour Flavourable®	liquid	Flavouring	vanillin type, vanilla	0,0%	propylene glycol
872075	Vanilla Flavour Flavourable®	liquid	Flavouring	sweet, vanillin type, pudding	0,0%	propylene glycol
654248	Vanillin Flavour	liquid	Flavouring	vanilla, pudding, creamy, caramel like, sweet, beany	0,0%	propylene glycol
205527	Walnut Flavour	liquid	natural, SC 4	balsamic, nutty, bitter	52,0%	ethanol, water
652474	Walnut Flavour	liquid	natural, SC 3	roasted, bitter, nutty	53,0%	ethanol



Number	Product Name	Shelf life	Biscuits	Cakes	Fillings	Candies	Jellies	Ice	Sorbet	Dessert	Tea	Drinks
651258	Guarana Flavour	18	0,30%	0,25%	0,30%	0,30%	0,10%	0,12%	0,06%	0,20%	n. p.	0,50%
204031	Hazelnut Flavour	12	0,25%	0,20%	0,20%	0,25%	n. p.	0,20%	n. p.	0,15%	n. p.	n. p.
398843	Hazelnut Flavour	12	0,35%	0,25%	0,30%	0,20%	n. p.	0,12%	n. p.	0,10%	n. p.	n. p.
648544	Hazelnut Flavour	18	0,15%	0,08%	0,60%	0,12%	n. p.	0,03%	n. p.	0,20%	n. p.	0,40%
653504	Hazelnut Flavour	24	0,35%	0,30%	0,15%	0,25%	n. p.	0,20%	n. p.	0,08%	n. p.	n. p.
872871	Hazelnut Flavour Flavourable®	12	0,35%	0,30%	0,15%	0,25%	n. p.	0,20%	n. p.	0,08%	n. p.	n. p.
655049	Honey Flavour	24	0,10%	0,06%	0,12%	0,10%	0,03%	0,04%	0,02%	0,03%	n. p.	n. p.
655556	Honey Flavour	24	0,08%	0,06%	0,10%	0,10%	0,04%	0,08%	n. p.	0,05%	n. p.	0,03%
299541	Yoghurt Flavour	12	0,60%	0,50%	0,50%	n. p.	n. p.	0,20%	n. p.	0,15%	n. p.	n. p.
290177	Yoghurt Flavour	12	n. p.	0,40%	0,60%	n. p.	n. p.	0,25%	n. p.	0,20%	n. p.	0,50%
201815	Liquorice Flavour	12	n. p.	n. p.	0,10%	0,12%	0,04%	n. p.	n. p.	0,10%	n. p.	n. p.
225229	Maple Flavour	12	0,40%	0,30%	n. p.	0,30%	n. p.	0,30%	0,06%	0,20%	n. p.	n. p.
218682	Marzipan Flavour	6	0,25%	0,18%	0,20%	0,25%	0,10%	0,10%	0,08%	0,15%	n. p.	0,15%
154881	Masking Flavour	6	0,25%	0,20%	0,10%	0,15%	n. p.	0,08%	n. p.	0,05%	n. p.	0,02%
202811	Milk Flavour	12	0,40%	0,30%	0,30%	n. p.	n. p.	0,15%	n. p.	0,10%	n. p.	n. p.
249700	Mint (Ecomint) Flavour	12	n. p.	n. p.	0,15%	0,15%	n. p.	0,08%	n. p.	0,12%	n. p.	n. p.
227254	Mint (Spearmint) Flavour	18	n. p.	n. p.	0,12%	n. p.	n. p.	0,06%	n. p.	0,10%	n. p.	n. p.
207471	Nut Nougat Flavour	12	0,30%	0,20%	0,25%	0,20%	n. p.	0,10%	n. p.	0,12%	n. p.	n. p.
618303	Peanut Flavour	18	0,25%	15,0%	0,20%	0,15%	n. p.	0,06%	n. p.	0,08%	n. p.	n. p.
648420	Peanut Flavour	6	0,15%	0,10%	0,06%	0,15%	n. p.	0,05%	n. p.	0,10%	n. p.	n. p.
200809	Peppermint Flavour	24	0,12%	0,10%	0,08%	0,20%	0,06%	0,04%	0,10%	n. p.	n. p.	0,40%
219575	Peppermint Flavour	24	n. p.	n. p.	0,12%	0,10%	0,04%	0,06%	0,06%	0,08%	n. p.	n. p.
290017	Peppermint Flavour	24	0,15%	0,10%	0,15%	n. p.	n. p.	0,03%	n. p.	0,10%	n. p.	n. p.
151323	Pistachio Flavour	12	0,20%	0,15%	0,10%	0,12%	n. p.	0,08%	n. p.	0,12%	n. p.	n. p.
650360	Speculatus Flavour	12	0,25%	0,20%	0,20%	0,20%	n. p.	0,18%	n. p.	0,15%	n. p.	n. p.
225344	Stracciatella Flavour	12	n. p.	n. p.	0,60%	0,50%	n. p.	0,30%	n. p.	0,25%	n. p.	n. p.
615266	Stracciatella Flavour	18	0,60%	0,50%	0,25%	0,20%	n. p.	0,12%	n. p.	0,20%	n. p.	n. p.
653254	Tiramisu Flavour	24	0,40%	0,30%	0,20%	n. p.	n. p.	0,10%	n. p.	0,15%	n. p.	n. p.
653072	Toffee Flavour	18	0,35%	0,30%	0,30%	0,25%	0,10%	0,10%	n. p.	0,15%	n. p.	n. p.
652417	Toffee Flavour	24	0,15%	0,10%	0,20%	n. p.	n. p.	0,08%	n. p.	0,05%	n. p.	0,05%
652860	Toffee Flavour	24	0,15%	0,10%	0,15%	0,15%	n. p.	0,10%	n. p.	0,20%	n. p.	n. p.
217870	Truffle (Chocolate) Flavour	12	0,50%	0,40%	0,50%	0,40%	n. p.	0,50%	n. p.	10,00%	n. p.	n. p.
307060	Vanilla Beans Extract	12	0,25%	0,20%	0,15%	0,12%	n. p.	0,10%	n. p.	0,10%	n. p.	n. p.
225559	Vanilla (Bourbon) Flavour	12	0,15%	0,12%	n. p.	0,10%	0,03%	0,05%	0,03%	0,07%	n. p.	n. p.
615667	Vanilla (Bourbon) Flavour	24	0,10%	0,08%	0,12%	n. p.	n. p.	0,04%	n. p.	0,10%	n. p.	n. p.
219847	Vanilla Bourvanil Flavour	12	0,05%	0,03%	0,06%	n. p.	n. p.	0,06%	n. p.	0,08%	n. p.	n. p.
250074	Vanilla Bourvanil Flavour	12	0,06%	0,04%	0,04%	n. p.	n. p.	0,05%	n. p.	0,05%	n. p.	n. p.
250082	Vanilla Bourvanil Flavour	12	0,05%	0,03%	0,05%	n. p.	n. p.	0,06%	n. p.	0,04%	n. p.	n. p.
655064	Vanilla-Cream Flavour	12	0,15%	0,12%	0,20%	n. p.	n. p.	0,08%	n. p.	0,20%	n. p.	n. p.
160725	Vanilla Flavour	12	0,30%	0,20%	0,25%	0,25%	n. p.	0,10%	n. p.	0,08%	n. p.	n. p.
201476	Vanilla Flavour	12	0,35%	0,25%	0,30%	0,20%	n. p.	0,15%	n. p.	0,10%	n. p.	n. p.
225112	Vanilla Flavour	12	0,30%	0,20%	0,25%	0,25%	n. p.	0,15%	n. p.	0,20%	n. p.	n. p.
226083	Vanilla Flavour	6	0,20%	0,15%	n. p.	0,20%	0,05%	0,10%	0,08%	0,15%	n. p.	0,40%
227204	Vanilla Flavour	12	0,30%	0,20%	0,25%	0,30%	n. p.	0,12%	n. p.	0,15%	n. p.	0,05%
648582	Vanilla Flavour	15	0,25%	0,15%	0,30%	n. p.	n. p.	0,10%	n. p.	0,08%	n. p.	n. p.
250679	Vanilla Flavour	12	0,30%	0,20%	0,25%	n. p.	n. p.	0,08%	n. p.	0,05%	n. p.	n. p.
251572	Vanilla Flavour	12	n. p.	n. p.	0,40%	n. p.	n. p.	0,40%	n. p.	0,30%	n. p.	n. p.
649426	Vanilla Flavour	18	0,40%	0,30%	0,25%	0,30%	n. p.	0,20%	n. p.	0,20%	n. p.	n. p.
654067	Vanilla Flavour	24	0,15%	0,10%	0,15%	0,15%	0,08%	0,12%	0,05%	0,10%	1,00%	0,02%
654074	Vanilla Flavour	24	0,15%	0,12%	0,15%	n. p.	n. p.	0,10%	n. p.	0,15%	n. p.	n. p.
696754	Vanilla Flavour	12	0,50%	0,40%	0,35%	0,40%	0,15%	0,25%	0,12%	0,30%	n. p.	n. p.
873019	Vanilla Flavour	18	0,18%	0,15%	0,20%	0,20%	0,06%	0,12%	0,08%	0,15%	n. p.	0,04%
651804	Vanilla Flavour	12	0,40%	0,30%	0,40%	n. p.	n. p.	0,15%	n. p.	0,20%	n. p.	n. p.
872073	Vanilla Flavour Flavourable®	18	0,40%	0,30%	0,20%	0,50%	0,10%	0,25%	0,12%	0,25%	n. p.	n. p.
872075	Vanilla Flavour Flavourable®	24	0,20%	0,15%	n. p.	0,30%	0,08%	0,15%	0,10%	0,15%	n. p.	0,06%
654248	Vanillin Flavour	24	0,03%	0,02%	0,03%	0,03%	0,01%	0,02%	0,02%	0,02%	n. p.	0,02%
205527	Walnut Flavour	12	0,30%	0,20%	0,15%	0,25%	n. p.	0,20%	n. p.	0,12%	n. p.	n. p.
652474	Walnut Flavour	18	0,30%	0,20%	0,15%	0,25%	n. p.	0,20%	n. p.	0,12%	n. p.	n. p.

Number	Product Name	Features	Alcohol	Ingredients
311018	Optarom® Apple	spray dried	0,0%	Fruit powder (Apple), Maltodextrine, Ascorbic acid
311013	Optarom® Apricot	spray dried	0,0%	Fruit powder (Apricot), Maltodextrine, natural flavour
311041	Optarom® Banana	spray dried	0,0%	Fruit powder (Banana), Maltodextrine, Citric acid, Ascorbic acid, natural flavour
311006	Optarom® Black Currant	spray dried	0,0%	Fruit powder (Black currant), Maltodextrine, natural black currant flavour
311005	Optarom® Blueberry	spray dried	0,0%	Fruit powder (Blueberry), Maltodextrine
311026	Optarom® Lemon	spray dried	0,0%	Fruit powder (Lemon), Maltodextrine, natural flavour
311043	Optarom® Orange	spray dried	0,0%	Fruit powder (Orange), Maltodextrine, Citric acid, Starch, Ascorbic acid, natural flavour
311025	Optarom® Orange	spray dried	0,0%	Fruit powder (Orange), Maltodextrine, natural orange flavour
311001	Optarom® Pineapple	spray dried	0,0%	Fruit powder (Pineapple), Maltodextrine
311753	Optarom® Raspberry	spray dried	0,0%	Fruit powder (Raspberry), Maltodextrine
311003	Optarom® Raspberry	spray dried	0,0%	Fruit powder (Raspberry), Maltodextrine, natural flavour
311752	Optarom® Strawberry	spray dried	0,0%	Fruit powder (Strawberry), Maltodextrine, Citric acid

## OPTAROM® Fruitpowder

OPTAROM® - The natural choice in fruit

With a strong consumer trend towards natural fruit, it makes sense to look again at the flavourings you are using.

The spray-dried Symrise products that are marketed under the OPTAROM® trademark contain the full flavour of harvest-fresh fruits. They are the result of a technologically advanced, leading-edge method of fruit processing: Spray drying.

Raw materials are carefully selected sun ripened fruits and fruit juice concentrates from the world's best growing areas. These high quality ingredients reach our processing plant in both freshly-harvested and frozen form. After a strict quality control inspection has been performed they are released to further processing.

The Flavour-rich, dry powder – the controlled fruit – is then carefully treated. This includes screening it in a self-contained system to standardize the particle size of the powder.

Special packaging protects our "free-flowing fruits" against external influences and preserves its flavour.

Our industrial scale plants are designed on the basis of advanced spray technology research findings; this assures that the ingredients – selected fruits whose flavours are often highly sensitive – are processed as gently as possible.

The result: Our spray-dried products with the OPTAROM® brand preserve the taste producing constituents of the fruit. The highest possible percentage of the fruit juice that is technologically feasible is added to them, thus offering the perquisites of modern product design.

- OPTAROM® Natural Fruit Powders offer consistent quality, easier processing and the opportunity to improve your margins.
- OPTAROM® Natural Fruit Powders enable you to depict natural fruit on your packaging – depending on dosage and legislation.

### BENEFITS

- fruit depict ability
- easy handling
- low dusting & no clumping
- consistent quality
- **bake stability**
- freeze-thaw stability (in some applications)
- shelf life of minimum 360 days



Number	Product Name	Shelf Life	Biscuits	Cakes	Fillings	Candies	Jellies	Ice	Sorbet	Dessert	Tea	Drinks
311018	Optarom® Apple	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,50%	n. p.	0,60%	n. p.	0,40%
311013	Optarom® Apricot	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,50%	n. p.	0,60%	n. p.	0,40%
311041	Optarom® Banana	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,30%	n. p.	0,40%	n. p.	0,15%
311006	Optarom® Black Currant	15	1,80%	1,50%	2,00%	n. p.	n. p.	0,40%	n. p.	0,50%	n. p.	0,30%
311005	Optarom® Blueberry	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,35%	n. p.	0,40%	n. p.	0,40%
311026	Optarom® Lemon	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,40%	n. p.	0,30%	n. p.	0,30%
311043	Optarom® Orange	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,40%	n. p.	0,30%	n. p.	0,30%
311025	Optarom® Orange	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,50%	n. p.	0,40%	n. p.	0,40%
311001	Optarom® Pineapple	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,40%	n. p.	0,30%	n. p.	0,30%
311753	Optarom® Raspberry	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,50%	n. p.	0,60%	n. p.	0,40%
311003	Optarom® Raspberry	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,50%	n. p.	0,60%	n. p.	0,40%
311752	Optarom® Strawberry	12	1,80%	1,50%	2,00%	n. p.	n. p.	0,40%	n. p.	0,50%	n. p.	0,30%

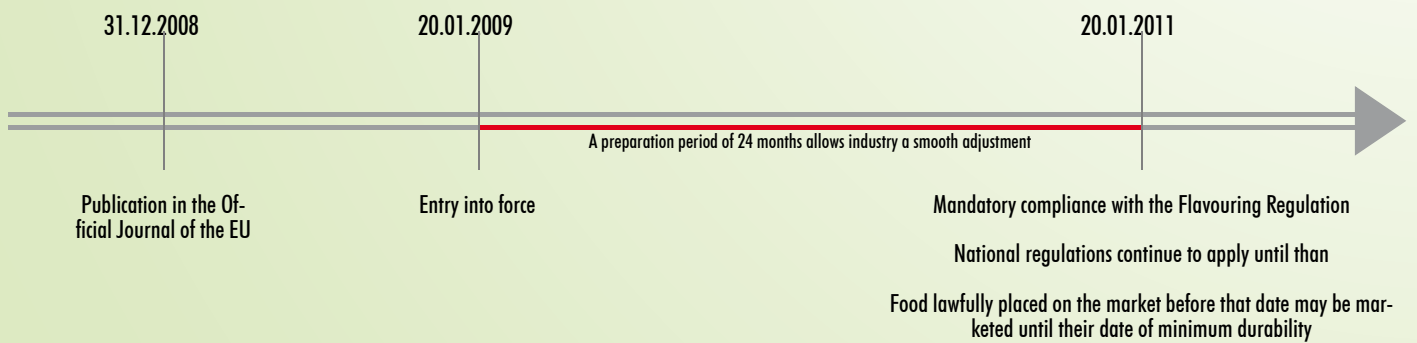


Number	Product Name	Features	Declaration	Product Description	Alcohol	Carrier
651221	Amaretto Flavour	spray dried	Flavouring	almond, alcohol	0,0%	maltodextrine, dextrin
210069	Brandy Flavour	liquid	natural, SC 4	alcohol,	0,6%	propylene glycol
651327	Egg-Flip Flavour	spray dried	Flavouring	brandy, smoky	0,0%	maltodextrine, gum arabic
651365	Irish Cream Flavour	dry	Flavouring	brandy, cream, vanilla, coffee	0,0%	maltodextrine, gum arabic
324330	Rum Flavour	liquid	Flavouring	sweet, juicy, jamaica,	7,3%	propylene glycol
648587	Rum Flavour	dry	Flavouring	typical, woody, alcohol type	0,0%	lactose
311502	Wine (Red) Naturana	spray dried	natural, SC 2	muscatel, tangy	0,0%	maltodextrine
311503	Wine (White) Naturana	spray dried	natural, SC 2	white wine, fruity, sweet	0,0%	maltodextrine



**NEW EC FLAVOUR - REGULATION**  
**WHERE WE STAND**

New regulation has been published (Regulation (EC) No 1334 / 2008 of 16. December 2008)



The EFFA (European Flavour and Fragrance Association) published an industry-wide guidance document about how to interpret the regulation on February 19, 2009.

Number	Product Name	Shelf life	Biscuits	Cakes	Fillings	Candies	Jellies	Ice	Sorbet	Dessert	Tea	Drinks
651221	Amaretto Flavour	24	0,60%	0,50%	0,80%	n. p.	n. p.	0,20%	n. p.	0,50%	3,00%	n. p.
210069	Brandy Flavour	12	1,00%	1,00%	0,60%	0,15%	0,05%	0,50%	n. p.	0,40%	n. p.	0,20%
651327	Egg-Flip Flavour	24	0,40%	0,25%	0,30%	n. p.	n. p.	0,20%	n. p.	0,40%	n. p.	n. p.
651365	Irish Cream Flavour	24	0,35%	0,25%	0,30%	n. p.	n. p.	0,15%	n. p.	0,15%	n. p.	n. p.
324330	Rum Flavour	24	0,30%	0,30%	0,25%	0,12%	0,08%	0,04%	0,06%	0,10%	n. p.	n. p.
648587	Rum Flavour	15	0,40%	0,30%	0,25%	n. p.	n. p.	0,40%	n. p.	0,15%	n. p.	n. p.
311502	Wine (Red) Naturana	12	n. p.	1,50%	2,00%	n. p.	n. p.	0,80%	n. p.	1,00%	n. p.	0,40%
311503	Wine (White) Naturana	12	n. p.	1,50%	2,00%	n. p.	n. p.	0,80%	n. p.	1,00%	n. p.	0,40%



## LABELLING SCENARIOS

Labelling scenarios	0	2	3	4	1	5	6
<b>Ingredients</b>	100% Flavouring Preparation from the named source	≥ 95% from the named source and easily recognizable Flavouring Preparation and/or Flavouring Substances	< 95% from the named source and easily recognizable Flavouring Preparation and/or Flavouring Substances	100% from different source materials, reference to source materials does not reflect the taste	100% Natural Flavouring Substances	Flavour with Nature-Identical Flavour Components	Flavour with Artificial Flavour Components
<b>Proposed EC Labelling</b>	<ul style="list-style-type: none"> <li>Specific name</li> <li>Natural (-) Flavouring</li> </ul>	<ul style="list-style-type: none"> <li>Natural (-) Flavouring</li> </ul>	<ul style="list-style-type: none"> <li>Natural (-) Flavouring with other Natural Flavourings</li> </ul>	<ul style="list-style-type: none"> <li>Natural Flavouring</li> </ul>	<ul style="list-style-type: none"> <li>Natural Flavouring Substances</li> </ul> <p>Scenario 2, 3 or 4 also possible, if applicable</p>	<ul style="list-style-type: none"> <li>Flavouring</li> </ul>	<ul style="list-style-type: none"> <li>Flavouring</li> </ul>
<b>Not longer possible</b>							
<b>Labelling Examples</b>	<ul style="list-style-type: none"> <li>Natural Strawberry Flavouring</li> <li>Strawberry Distillate</li> <li>Orange Oil</li> <li>Vanilla Extract</li> </ul>	<ul style="list-style-type: none"> <li>Natural Honey Flavouring</li> <li>Natural Fruit Flavouring</li> <li>Natural Strawberry Flavouring</li> </ul>	<ul style="list-style-type: none"> <li>Natural Honey Flavouring with other natural Flavouring</li> <li>Natural Fruit Flavouring with other natural Flavourings</li> <li>Natural Strawberry Flavouring with other natural Flavourings</li> </ul>	<ul style="list-style-type: none"> <li>Natural Flavouring (Gingerbread Taste)</li> <li>Natural Flavouring (Strawberry Taste)</li> <li>Natural Flavouring (Multifruit Taste)</li> </ul>	<ul style="list-style-type: none"> <li>Natural Flavouring Substances Vanillin</li> <li>Natural Flavouring Substances (Strawberry Taste)</li> </ul>	<ul style="list-style-type: none"> <li>Vanilla Flavouring</li> <li>Flavouring Strawberry Type</li> <li>Flavouring</li> </ul>	<ul style="list-style-type: none"> <li>Vanilla Flavouring</li> <li>Flavouring Strawberry Type</li> <li>Flavouring</li> </ul>

<sup>1)</sup> According to the flavour industry interpretation not longer possible (see EFTA Guidance Document dated 19 February 2009).



Number	Product Name	Features	Declaration	Product Description	MSG	Carrier
800337	Bacon Flavour	dry	Flavouring	fat, smoke	9,5%	maltodextrine, salt, glucose (smoked)
807045	Bacon Flavour	dry	Flavouring	fat, smoke	8,5%	lactose, glucose, salt, maltodextrine, maltodextrine (smoked)
809123	Bacon Flavour	dry	Flavouring	fat, meat, spicy	2,8%	salt, maltodextrine, glucose, lactose
852054	Bacon Flavour	dry	Flavouring	meaty, fatty, bacon	10,0%	maltodextrine, salt, glucose
852642	Bacon Flavour	dry	Flavouring	meaty, smoke	10,0%	lactose, salt, maltodextrine
654961	Bacon (Smoked) Extract	spray dried	natural, SC 0 *	smoked, fatty	0,0%	gum arabic, maltodextrine
156430	Beef Flavour	dry	Flavouring	boiled, juicy	0,0%	salt, maltodextrine
197687	Beef Flavour	dry	natural, SC 4	fried, meaty, cooked	0,0%	salt
607528	Beef Flavour	spray dried	Flavouring	roasted, meaty, grilled	0,0%	maltodextrine, gum arabic
607532	Beef Flavour	spray dried	Flavouring	meaty, boiled, juicy	0,0%	maltodextrine, gum arabic
853500	Beef Flavour	dry	Flavouring	meat, cooked, bouillon type	17,5%	lactose, maltodextrine
652186	Beef (Roast-) Flavour	dry	Flavouring	fried, meaty, roasted	0,0%	salt
809166	Bratarom Flavour	spray dried	natural, SC 4	meaty, roasty	0,0%	reaction Flavour
802665	Broth (Chicken) Flavour	dry	Flavouring	bouillon type, fatty	18,5%	salt, maltodextrine
852022	Broth Flavour	dry	Flavouring	bouillon type, vegetable, fatty	14,5%	salt
139903	Chicken Flavour	dry	natural, SC 4	roasted	0,0%	salt, lactose
169168	Chicken Flavour	dry	Flavouring	hen, skin note, white meat	0,0%	glucose, salt, maltodextrine
251505	Chicken Flavour	dry	Flavouring	boiled, fatty	0,0%	maltodextrine, salt, gum arabic
257633	Chicken Flavour	liquid	Flavouring	fried, fatty	0,0%	vegetable oil
386774	Chicken Flavour	dry	Flavouring	roasted, fatty	0,0%	glucose, gum arabic, salt
388325	Chicken Flavour	dry	natural, SC 4	boiled, broth like, fatty	0,0%	maltodextrine, salt
605915	Chicken Flavour	dry	Flavouring	white meat	22,0%	salt, MSG, maltodextrine
652197	Chicken Flavour	liquid	Flavouring	fried, skin note, fatty	0,0%	vegetable oil (neutral)
809202	Chicken Flavour	dry	Flavouring	spicy, fatty, meaty	0,0%	maltodextrine, salt, lactose
871136	Chicken Flavour	dry	Flavouring	Boiling hen	13,0%	salt, MSG, maltodextrine
653663	Ham Flavour	dry	Flavouring	bacon, fatty, smoky	10,5%	dextrose, salt
853914	Ham Flavour	dry	Flavouring	smoke, fat	15,5%	lactose, glucose (smoked), salt, maltodextrine
655195	Ham (Smoked) Flavour	dry	natural, SC 0 *	smoky, fleshy, bacon	0,0%	salt
862371	Lamb Flavour	dry	Flavouring	roast, meat, bouillon	0,0%	salt, lactose, maltodextrine
615293	Meat (Beef) Flavour	spray dried	natural, SC 4	fleshy, fried, bouillon	0,0%	maltodextrine, salt
809475	Meat Flavour	dry	Flavouring	bouillon, boiled	0,0%	maltodextrine, gum arabic
809617	Meat Flavour	dry	Flavouring	fried, roasted	0,0%	maltodextrine, gum arabic
840736	Meat Juice Flavour	spray dried	Flavouring	roasted, fatty	0,0%	maltodextrine, gum arabic
652502	Pork Flavour	dry	natural, SC 4	meaty, broth like, fatty	0,0%	maltodextrine, dextrin
652022	Pork Flavour	spray dried	Flavouring	fatty, meaty	0,0%	maltodextrine
854652	Poultry Flavour	dry	Flavouring	bouillon type, cooked, meat	24,0%	lactose, maltodextrine, salt
808117	Roast (vegetarian) Flavour	dry	natural, SC 4	yeasty, cereal, roast type	0,0%	salt, xylose
809173	Veal Flavour	dry	Flavouring	roasty, bouillon	0,0%	lactose, maltodextrine, salt



Number	Product Name	Shelf life	Fillings	Soups, Sauces	Dressing, Mayo	Sausage, Meat	Salats	Cheese	Pickles	Ready Meals
800337	Bacon Flavour	12	0,40%	0,06%	0,20%	0,15%	0,25%	0,30%	n. p.	0,20%
807045	Bacon Flavour	6	0,50%	0,08%	0,20%	0,20%	0,15%	0,50%	n. p.	0,20%
809123	Bacon Flavour	12	0,60%	0,10%	0,20%	0,20%	0,15%	0,30%	n. p.	0,20%
852054	Bacon Flavour	12	0,80%	0,15%	0,30%	0,20%	0,15%	0,60%	n. p.	0,30%
852642	Bacon Flavour	12	0,08%	0,15%	0,30%	0,20%	0,15%	0,50%	n. p.	0,30%
654961	Bacon (Smoked) Extract	24	0,80%	0,10%	0,35%	0,40%	0,20%	0,50%	n. p.	0,40%
156430	Beef Flavour	6	0,60%	0,10%	0,25%	0,30%	0,12%	0,60%	n. p.	0,20%
197687	Beef Flavour	12	0,50%	0,12%	0,20%	0,25%	0,15%	0,80%	n. p.	0,25%
607528	Beef Flavour	15	0,80%	0,15%	0,15%	0,20%	0,12%	0,60%	n. p.	0,20%
607532	Beef Flavour	15	0,80%	0,10%	0,15%	0,20%	0,10%	0,50%	n. p.	0,20%
853500	Beef Flavour	12	0,60%	0,10%	0,20%	0,25%	0,15%	0,40%	n. p.	0,20%
652186	Beef (Roast-) Flavour	15	1,00%	0,30%	0,50%	0,40%	0,25%	0,60%	n. p.	0,40%
809166	Bratarom Flavour	12	0,80%	0,30%	0,50%	0,50%	0,30%	0,80%	n. p.	0,40%
802665	Broth (Chicken) Flavour	12	n. p.	0,25%	0,80%	1,00%	0,80%	n. p.	n. p.	0,80%
852022	Broth Flavour	12	n. p.	0,50%	1,50%	1,80%	2,00%	n. p.	n. p.	1,20%
139903	Chicken Flavour	6	0,60%	0,25%	0,40%	0,30%	0,30%	0,50%	n. p.	0,30%
169168	Chicken Flavour	6	0,40%	0,10%	0,25%	0,30%	0,20%	0,40%	n. p.	0,20%
251505	Chicken Flavour	12	0,70%	0,20%	0,40%	0,40%	0,30%	0,50%	n. p.	0,20%
257633	Chicken Flavour	12	0,80%	0,20%	0,15%	0,25%	0,20%	0,40%	n. p.	0,15%
386774	Chicken Flavour	12	0,60%	0,10%	0,15%	0,20%	0,15%	0,50%	n. p.	0,20%
388325	Chicken Flavour	12	0,40%	0,10%	0,15%	0,20%	0,15%	0,40%	n. p.	0,30%
605915	Chicken Flavour	12	n. p.	0,40%	0,50%	0,50%	0,35%	n. p.	n. p.	0,80%
652197	Chicken Flavour	15	0,30%	0,05%	0,10%	0,20%	0,15%	0,06%	n. p.	0,15%
809202	Chicken Flavour	6	0,80%	0,20%	0,40%	0,50%	0,40%	0,60%	n. p.	0,50%
871136	Chicken Flavour	12	0,60%	0,15%	0,25%	0,30%	0,25%	0,50%	n. p.	0,30%
653663	Ham Flavour	12	1,00%	0,20%	0,30%	0,40%	0,25%	0,80%	n. p.	0,30%
853914	Ham Flavour	12	0,80%	0,20%	0,30%	0,30%	0,20%	0,60%	n. p.	0,20%
655195	Ham (Smoked) Flavour	12	1,00%	0,20%	0,30%	0,40%	0,25%	0,80%	n. p.	0,30%
862371	Lamb Flavour	12	n. p.	0,25%	0,40%	0,50%	0,30%	0,80%	n. p.	0,50%
615293	Meat (Beef) Flavour	24	0,80%	0,15%	0,20%	0,20%	0,15%	0,60%	n. p.	0,20%
809475	Meat Flavour	12	0,30%	0,05%	0,10%	0,20%	0,15%	0,40%	n. p.	0,15%
809617	Meat Flavour	12	0,40%	0,10%	0,15%	0,12%	0,20%	0,30%	n. p.	0,20%
840736	Meat Juice Flavour	15	0,50%	0,25%	0,30%	0,25%	0,20%	0,40%	n. p.	0,25%
652502	Pork Flavour	12	1,50%	0,20%	0,30%	0,40%	0,25%	0,80%	n. p.	0,40%
652022	Pork Flavour	24	0,80%	0,10%	0,20%	0,30%	0,15%	0,50%	n. p.	0,30%
854652	Poultry Flavour	12	0,60%	0,15%	0,25%	0,35%	0,20%	0,60%	n. p.	0,20%
808117	Roast (vegetarian) Flavour	12	n. p.	0,15%	0,40%	0,60%	0,30%	n. p.	n. p.	0,40%
809173	Veal Flavour	12	1,50%	0,50%	0,80%	1,00%	0,70%	1,00%	n. p.	0,60%



Number	Product Name	Features	Declaration	Product Description	MSG	Carrier
217821	Cheese (Blue) Flavour	spray dried	Flavouring	creamy, buttery	10,0%	salt, whey powder, MSG
648453	Cheese (Blue) Flavour	liquid	Flavouring	matured, musty	0,0%	triacetin
158555	Cheese (Camembert) Flavour	spray dried	natural, SC 3	fruity, creamy	0,0%	gum arabic, maltodextrine
655233	Cheese (Cheddar) Flavour	spray dried	Flavouring	matured, rindy, cheesy	0,0%	maltodextrine, gum arabic
652477	Cheese (Cream) Flavour	spray dried	Flavouring	creamy, fresh, milky	0,0%	maltodextrine, dextrin
651737	Cheese (Cream) Flavour	liquid	Flavouring	creamy, fresh	0,0%	vegetable oil
807582	Cheese (Emmentaler) Flavour	dry	Flavouring	cheesy, buttery, nutty	10,0%	lactose, salt, maltodextrine
809204	Cheese (Emmentaler) Flavour	dry	natural, SC 4	creamy, buttery	0,0%	maltodextrine, salt, milk powder
654682	Cheese (Emmentaler) Flavour	liquid	Flavouring	fruity, matured, milky	0,0%	propylene glycol
677133	Cheese (Goat) Flavour	spray dried	Flavouring	animal, fatty	0,0%	maltodextrine, gum arabic
207178	Cheese (Gouda) Flavour	dry	natural, SC 4	sour, bitter, rindy	12,5%	maltodextrine, salt
217813	Cheese (Gouda) Flavour	dry	natural, SC 4	rindy, matured, animalic	10,0%	maltodextrine, salt
163234	Cheese (Italian) Flavour	spray dried	natural, SC 4	buttery, matured	0,0%	maltodextrine, succinate
614154	Cheese (Parmesan) Flavour	spray dried	Flavouring	blue cheese, rindy, cheesy, hot	0,0%	maltodextrine, gum arabic
646240	Cheese (Parmesan Fromarom) Flavour	dry	Flavouring	matured, rindy, milky	0,0%	maltodextrine, salt



Number	Product Name	Shelf life	Fillings	Soups, Sauces	Dressing, Mayo	Sausage, Meat	Salats	Cheese	Pickles	Ready Meals
217821	Cheese (Blue) Flavour	6	0,50%	0,20%	0,40%	0,60%	0,30%	0,20%	n. p.	40,0%
648453	Cheese (Blue) Flavour	18	0,10%	0,02%	0,04%	0,05%	0,03%	0,03%	n. p.	0,04%
158555	Cheese (Camembert) Flavour	18	0,40%	0,15%	0,25%	0,30%	0,20%	0,20%	n. p.	0,20%
655233	Cheese (Cheddar) Flavour	24	0,40%	0,20%	0,30%	0,40%	0,25%	0,20%	n. p.	0,30%
652477	Cheese (Cream) Flavour	24	0,40%	0,10%	0,20%	0,25%	0,20%	0,25%	n. p.	0,20%
651737	Cheese (Cream) Flavour	24	0,20%	0,20%	0,25%	0,30%	0,20%	0,25%	n. p.	0,25%
807582	Cheese (Emmentaler) Flavour	12	1,00%	0,60%	0,80%	0,60%	0,40%	0,80%	n. p.	0,70%
809204	Cheese (Emmentaler) Flavour	12	1,00%	0,60%	0,80%	0,60%	0,40%	0,80%	n. p.	0,70%
654682	Cheese (Emmentaler) Flavour	18	0,70%	0,20%	0,15%	0,50%	0,30%	0,50%	n. p.	0,50%
677133	Cheese (Goat) Flavour	15	0,50%	0,20%	0,25%	0,40%	0,15%	0,20%	n. p.	0,30%
207178	Cheese (Gouda) Flavour	12	1,50%	0,50%	0,40%	0,50%	0,30%	1,00%	n. p.	0,70%
217813	Cheese (Gouda) Flavour	12	1,00%	0,40%	0,50%	0,60%	0,30%	0,80%	n. p.	0,30%
163234	Cheese (Italian) Flavour	18	1,00%	0,15%	0,35%	0,25%	0,20%	0,60%	n. p.	0,40%
614154	Cheese (Parmesan) Flavour	24	0,60%	0,50%	0,40%	0,30%	0,25%	0,30%	n. p.	0,50%
646240	Cheese (Parmesan Fromarom) Flavour	24	0,80%	0,40%	0,50%	0,40%	0,30%	0,60%	n. p.	0,40%



Number	Product Name	Features	Declaration	Product Description	MSG	Carrier
250967	Asparagus Flavour	dry	Flavouring	cooked, buttery, spicy	4,0%	salt, lactose
806262	Asparagus Flavour	dry	Flavouring	cooked, sweet, buttery	0,0%	lactose, salt
650319	Asparagus (White) Flavour	dry	Flavouring	cooked, sulphurous, buttery	0,0%	maltodextrine, salt, gum arabic
833869	Asparagus (White) Flavour	dry mix	natural, SC 4	cooked, white, corn	0,0%	salt, maltodextrine, gum arabic
326166	Boletus (Mushroom) Flavour	spray dried	Flavouring	mossy, earthy	0,0%	maltodextrine, dextrin
614657	Boletus (Mushroom) Flavour	spray dried	natural, SC 4	earthy, boiled	0,0%	maltodextrine, gum arabic
653856	Broccoli Extract	spray dried	natural, SC 4	steamed, spicy, cabbage	0,0%	maltodextrine
654361	Carrot Extract	spray dried	natural, SC 0 *	steamed, boiled	0,0%	maltodextrine
606889	Carrot (Fresh) Flavour	spray dried	Flavouring	fresh, green, slightly woody	0,0%	maltodextrine
653713	Celery Extract	spray dried	natural, SC 0 *	cooked, flowery	0,0%	maltodextrine
174220	Celery Flavour	spray dried	Flavouring	leaf like, green	0,0%	maltodextrine, (free from allergens)
880162	Celery Leafs Flavour	liquid	natural, SC 4	celeriac, cooked, leaf-like, carrot	0,0%	glucose syrup, salt
855967	Celery Seeds Extract	dry	natural, SC 0 *	celeriac, cooked, nutty, metallic	0,0%	salt
109558	Champignon (Mushroom) Extract	spray dried	natural, SC 0 *	earthy, woody	0,0%	maltodextrine
619564	Champignon (Mushroom) Flavour	spray dried	Flavouring	earthy, buttery	0,0%	gum arabic, maltodextrine
652918	Champignon (Mushroom) Flavour	dry	Flavouring	fresh, buttery	6,0%	maltodextrine, dextrin
655328	Champignon (Mushroom) Flavour	dry	Flavouring	cooked, musty	0,0%	salt
653316	Corn Flavour	spray dried	Flavouring	boiled, vegetable	0,0%	maltodextrine, dextrin
653992	Cucumber Flavour	liquid	natural, SC 2	sour, herbaceous	0,0%	acetic acid
850096	Leek Flavour	dry	natural, SC 4	leek like, onion	0,0%	glucose
345153	Leek (Green) Flavour	dry	Flavouring	green, herbaceous	0,0%	maltodextrine
650201	Onion Extract	liquid	natural, SC 0 *	fried, fatty	0,0%	vegetable oil
619794	Onion Extract	spray dried	natural, SC 0 *	grilled, fatty	0,0%	maltodextrine, salt
650470	Onion Extract	spray dried	natural, SC 0 *	fresh, hot, leek like	0,0%	maltodextrine, gum arabic
655169	Onion Extract	viscous	natural, SC 0 *	leek like, peely, hot	0,0%	water
299572	Onion Extract/Oil	dry	natural, SC 0 *	raw, sauteed	0,0%	salt
838035	Onion Flavour	liquid	natural, SC 2	raw, hot, musty	0,0%	glucose syrup
809059	Onion (Roast) Flavour	dry	natural, SC 2	roasted, fried, raw, sweet	0,0%	maltodextrine from potatoes
654926	Paprika Flavour	dry	natural, SC 4	paprika powder, vegetable-like, sweet, onion, cooked	0,0%	no carrier
345744	Paprika (Green) Flavour	spray dried	Flavouring	fresh, green, juicy	0,0%	maltodextrine, gum arabic
805761	Spinach (Creamed) Flavour	dry	natural, SC 4	green, sour, creamy	0,0%	glucose, lactose, maltodextrine
648371	Tomato Flavour	liquid	Flavouring	ripe, fruity, juicy	0,0%	propylene glycol, triacetin
651609	Tomato Flavour	spray dried	natural, SC 4	fresh, puree	0,0%	maltodextrine, dextrin
801548	Tomato Flavour	spray dried	Flavouring	fresh, fleshy, floral	0,0%	maltodextrine
802242	Tomato Flavour	dry	Flavouring	fruity, juicy, fresh	0,0%	salt, sugar
345064	Vegetable (Bell Pepper) Flavour	dry	Flavouring	paprika, chilli, tomato	0,0%	maltodextrine, glucose, fructose
653718	Vegetable Extract	dry	natural, SC 0 *	broth like, celery	0,0%	maltodextrine
655227	Vegetable Stock Flavour	spray dried	natural, SC 2	cooked, carrot, celeriac	0,0%	maltodextrine
800190	Vegetable Powder Flavour	dry	natural, SC 2	cooked, bouillon	0,0%	glucose, maltodextrine
809041	Vegetable (Roasted) Paste	liquid	natural, SC 2	fried, fatty, onion, sweet	0,0%	vegetable oil (palm fruit)



Number	Product Name	Shelf life	Fillings	Soups, Sauces	Dressing, Mayo	Sausage, Meat	Salats	Cheese	Pickles	Ready Meals
250967	Asparagus Flavour	12	0,30%	0,20%	0,30%	0,40%	0,25%	0,35%	n. p.	0,50%
806262	Asparagus Flavour	12	n. p.	0,40%	0,45%	0,50%	0,30%	n. p.	n. p.	0,50%
650319	Asparagus (White) Flavour	24	0,35%	0,30%	0,30%	0,40%	0,30%	0,40%	n. p.	0,60%
833869	Asparagus (White) Flavour	12	0,25%	0,10%	0,20%	0,25%	0,15%	0,20%	n. p.	30,0%
326166	Boletus (Mushroom) Flavour	18	0,30%	0,12%	0,30%	0,20%	0,15%	0,20%	n. p.	0,30%
614657	Boletus (Mushroom) Flavour	24	0,20%	0,30%	0,40%	0,40%	0,20%	0,50%	n. p.	0,40%
653856	Broccoli Extract	18	0,50%	0,40%	0,50%	0,50%	0,30%	0,50%	n. p.	0,60%
654361	Carrot Extract	18	0,25%	0,10%	0,15%	0,30%	0,20%	0,25%	n. p.	0,20%
606889	Carrot (Fresh) Flavour	24	0,50%	0,40%	0,40%	0,60%	0,30%	0,40%	n. p.	0,60%
653713	Celery Extract	15	0,30%	0,25%	0,20%	0,30%	0,15%	0,25%	n. p.	0,25%
174220	Celery Flavour	12	0,35%	0,15%	0,25%	0,15%	0,10%	0,40%	n. p.	0,30%
880162	Celery Leafs Flavour	12	0,20%	0,20%	0,25%	0,25%	0,10%	0,25%	n. p.	0,20%
855967	Celery Spice Flavour	12	0,20%	0,50%	0,12%	0,10%	0,07%	0,20%	n. p.	0,15%
109558	Champignon (Mushroom) Extract	24	0,30%	0,15%	0,30%	0,20%	0,10%	0,25%	n. p.	0,30%
619564	Champignon (Mushroom) Flavour	18	0,10%	0,08%	0,30%	0,15%	0,05%	0,05%	n. p.	0,15%
652918	Champignon (Mushroom) Flavour	24	0,25%	0,30%	0,40%	0,35%	0,20%	0,30%	n. p.	0,40%
655328	Champignon (Mushroom) Flavour	18	0,10%	0,04%	0,08%	0,10%	0,06%	0,05%	n. p.	0,10%
653316	Corn Flavour	24	0,20%	0,10%	0,20%	0,15%	0,08%	0,20%	n. p.	0,15%
653992	Cucumber Flavour	15	0,12%	n. p.	0,30%	0,10%	0,08%	0,15%	0,30%	n. p.
850096	Leek Flavour	12	0,25%	0,30%	0,40%	0,15%	0,12%	0,20%	n. p.	0,40%
345153	Leek (Green) Flavour	15	0,15%	0,10%	0,20%	0,10%	0,06%	0,12%	n. p.	0,12%
650201	Onion Extract	9	0,15%	0,10%	0,15%	0,15%	0,05%	0,12%	0,03%	0,20%
619794	Onion Extract	18	0,25%	0,20%	0,35%	0,20%	0,10%	0,20%	n. p.	0,30%
650470	Onion Extract	24	0,05%	0,02%	0,08%	0,10%	0,04%	0,06%	n. p.	0,10%
655169	Onion Extract	24	0,25%	0,10%	0,15%	0,12%	0,08%	0,30%	n. p.	0,20%
299572	Onion Flavour	12	0,30%	0,12%	0,25%	0,20%	0,10%	0,25%	n. p.	0,25%
838035	Onion Flavour	6	n. p.	0,15%	0,25%	0,20%	0,10%	0,25%	0,30%	0,20%
809059	Onion (Roast) Flavour	12	0,20%	0,10%	0,15%	0,20%	0,08%	0,20%	n. p.	0,40%
654926	Paprika Flavour	6	0,30%	0,10%	0,08%	0,20%	0,10%	0,06%	n. p.	n. p.
345744	Paprika (Green) Flavour	12	0,20%	0,06%	0,12%	0,15%	0,06%	0,15%	n. p.	0,20%
805761	Spinach (Creamed) Flavour	12	0,50%	0,40%	0,50%	0,60%	0,25%	0,30%	n. p.	0,60%
648371	Tomato Flavour	18	0,30%	0,05%	0,06%	0,10%	0,04%	0,30%	n. p.	0,10%
651609	Tomato Flavour	24	0,30%	0,10%	0,12%	0,15%	0,06%	0,40%	n. p.	0,15%
801548	Tomato Flavour	12	0,30%	0,20%	0,20%	0,25%	0,08%	0,40%	n. p.	0,40%
802242	Tomato Flavour	12	0,25%	0,15%	0,25%	0,30%	0,10%	0,35%	n. p.	0,30%
345064	Vegetable (Bell Pepper) Flavour	12	0,30%	0,15%	0,25%	0,30%	0,12%	0,20%	n. p.	0,40%
653718	Vegetable Extract	12	0,40%	0,15%	0,30%	0,40%	0,20%	0,35%	n. p.	0,50%
655227	Vegetable Stock Flavour	18	0,50%	0,20%	0,25%	0,40%	0,25%	0,40%	n. p.	0,50%
800190	Vegetable Powder Flavour	12	0,60%	0,30%	0,20%	0,30%	0,10%	0,50%	n. p.	0,40%
809041	Vegetable (Roasted) Paste	12	0,40%	0,10%	0,25%	0,30%	0,12%	0,40%	n. p.	0,20%



Number	Product Name	Features	Declaration	Product Description	MSG	Carrier
855962	Basil Flavour	dry	natural, SC 4	green, herbal	0,0%	salt
648566	Caraway Flavour	dry	natural, SC 2	fresh, spicy, aromatic	0,0%	salt
855266	Chilli Flavour	dry	natural, SC 3	long lasting hotness	0,0%	salt
647180	Chives Flavour	spray dried	Flavouring	fresh, hot, onion	0,0%	maltodextrine
652643	Chives Flavour	liquid	natural, SC 4	onion, garlic, fresh	0,0%	vegetable oil (neutral)
855855	Chives Flavour	dry	natural, SC 4	hot, green, onion	0,0%	salt
855060	Clove Flavour	dry	natural, SC 2	fresh, slightly hot	0,0%	salt, glucose
655347	Curry Extract	liquid	natural, *	hot, sulphurous	0,0%	water, glucose syrup
855309	Curry Flavour	dry	natural, SC 4	hot, sulphurous, fenugreek	0,0%	salt, glucose
855108	Dill Flavour	dry	natural, SC 2	herbal, green	0,0%	salt
652993	Garlic Flavour	spray dried	natural, SC 4, *	hot, fresh	0,0%	maltodextrine, gum arabic
648565	Garlic Spice Extract	dry	natural, *	fresh, garlic	0,0%	salt, maltodextrine
855287	Garlic Flavour	dry	natural, SC 2	sulphurous, powdery, fresh	0,0%	salt
650587	Garlic (Wood) Flavour	dry	Flavouring	leek like, onion	0,0%	maltodextrine, dextrin
619563	Ginger Extract	spray dried	natural, *	hot, floral	0,0%	maltodextrine, gum arabic
654092	Ginger Flavour	liquid	natural, SC 2	typical	0,0%	vegetable oil (neutral)
608468	Herbs (Garden) Flavour	spray dried	natural, SC 4	green, flowery, spicy	0,0%	maltodextrine, gum arabic
652798	Herbs (Italian) Flavour	dry	natural, SC 4	herbaceous, green, fresh	0,0%	salt
651170	Herbs (Italian, Garden) Flavour	liquid	natural, SC 4	green, spicy, mustard	0,0%	triacetin
838076	Horseradish Flavour	liquid	Flavouring	hot, earthy,	0,0%	water
174365	Horseradish Flavour	spray dried	Flavouring	pungent, hot, fresh	0,0%	maltodextrine, succinate
655491	Juniper Berry Flavour	dry	natural, SC 2	typical	0,0%	salt
655393	Laurel Leaf Extract	dry	natural, *	bay leaf, spicy, fresh	0,0%	salt
855392	Laurel Leaves Flavour	dry	natural, SC 2	bay leaf, dried herbs, bitter	0,0%	salt
855390	Lovage Flavour	dry	natural, SC 2	lovage, oily	0,0%	salt
654231	Nutmeg Extract	dry	natural, *	woody, floral,	0,0%	salt
654220	Oregano Extract	dry	natural, *	herbaceous, woody	0,0%	salt
855276	Parsley Spice Flavour	dry	natural, SC 2	typical, fresh	0,0%	salt
655398	Pepper Extract	dry	natural, SC 0 *	hot, woody	0,0%	salt
655466	Pepper Extract	dry	natural, *	hot, musty	0,0%	dextrose
654655	Pepper (White) Extract	dry	natural, SC 0 *	rounded, pepper	0,0%	salt
806429	Pepper (White) Extract	dry	natural, *	typical, hot, fresh	0,0%	salt, starch
855537	Pepper Flavour	dry	natural, SC 3	hot, chilli, typical (similar to chilli pepper)	0,0%	salt
808877	Spice Flavour	dry	Flavouring	yeasty, umami	6,5%	salt, maltodextrine, MSG
855961	Thyme Flavour	dry	natural, SC 2	dry, earthy	0,0%	salt



Number	Product Name	Shelf life	Fillings	Soups, Sauces	Dressing, Mayo	Sausage, Meat	Salats	Cheese	Pickles	Ready Meals
855962	Basil Flavour	12	0,12%	0,06%	0,08%	0,10%	0,05%	0,10%	n. p.	0,08%
648566	Caraway Flavour	15	0,35%	0,20%	0,30%	0,30%	0,10%	0,25%	n. p.	0,15%
855266	Chilli Flavour	12	0,08%	0,05%	0,10%	0,06%	0,03%	0,05%	n. p.	0,10%
647180	Chives Flavour	24	0,20%	0,12%	0,15%	0,15%	0,08%	0,15%	n. p.	0,20%
652643	Chives Flavour	15	0,25%	0,12%	0,20%	0,25%	0,06%	0,20%	n. p.	n. p.
855855	Chives Flavour	12	0,20%	0,08%	0,15%	0,30%	0,10%	0,12%	n. p.	0,15%
855060	Clove Flavour	12	0,10%	0,04%	0,08%	0,12%	0,05%	0,08%	n. p.	0,06%
655347	Curry Extract	12	0,30%	0,12%	0,20%	0,25%	0,15%	0,20%	n. p.	0,30%
855309	Curry Flavour	12	0,10%	0,06%	0,08%	0,05%	0,04%	0,12%	n. p.	0,12%
855108	Dill Flavour	12	0,15%	0,08%	0,10%	0,10%	0,05%	0,12%	n. p.	0,10%
652993	Garlic Extract	18	0,05%	0,02%	0,03%	0,02%	0,02%	0,03%	n. p.	0,05%
648565	Garlic Spice Extract	24	0,10%	0,05%	0,10%	0,08%	0,03%	0,10%	n. p.	0,15%
855287	Garlic Flavour	12	0,10%	0,06%	0,12%	0,05%	0,03%	0,08%	n. p.	0,10%
650587	Garlic (Wood) Flavour	24	0,30%	0,10%	0,30%	0,15%	0,06%	0,40%	n. p.	0,30%
619563	Ginger Extract	18	0,25%	0,05%	0,08%	0,15%	0,06%	0,20%	n. p.	0,20%
654092	Ginger Flavour	15	0,30%	0,06%	0,12%	0,10%	0,05%	0,15%	n. p.	n. p.
608468	Herbs (Garden) Flavour	15	0,30%	0,25%	0,15%	0,25%	0,10%	0,20%	n. p.	0,20%
652798	Herbs (Italian) Flavour	15	0,40%	0,10%	0,08%	0,15%	0,06%	0,20%	n. p.	0,20%
651170	Herbs (Italian, Garden) Flavour	18	0,15%	0,10%	0,20%	0,25%	0,08%	0,20%	n. p.	0,30%
838076	Horseradish Flavour	9	0,10%	0,05%	0,08%	0,10%	0,05%	0,06%	n. p.	0,08%
174365	Horseradish Flavour	18	0,40%	0,15%	0,40%	0,20%	0,15%	0,25%	n. p.	0,20%
655491	Juniper Berry Flavour	15	0,08%	0,05%	0,06%	0,03%	0,10%	0,12%	n. p.	0,05%
655393	Laurel Leaf Extract	12	0,30%	0,05%	0,20%	0,15%	0,06%	0,15%	n. p.	0,25%
855392	Laurel Leaves Flavour	12	n. p.	0,10%	0,15%	0,20%	0,08%	0,15%	n. p.	0,30%
855390	Lovage Flavour	18	0,10%	0,04%	0,08%	0,10%	0,04%	0,08%	n. p.	0,15%
654231	Nutmeg Extract	12	0,10%	0,05%	0,06%	0,05%	0,03%	0,08%	n. p.	0,08%
654220	Oregano Extract	12	0,15%	0,06%	0,12%	0,10%	0,05%	0,08%	n. p.	0,15%
855276	Parsley Spice Flavour	12	0,08%	0,05%	0,08%	0,06%	0,04%	0,10%	n. p.	0,10%
655398	Pepper Extract	12	0,12%	0,05%	0,15%	0,10%	0,08%	0,15%	n. p.	0,20%
655466	Pepper Extract	12	0,15%	0,10%	0,06%	0,12%	0,07%	0,12%	n. p.	0,20%
654655	Pepper (White) Extract	12	0,10%	0,05%	0,20%	0,10%	0,06%	0,08%	n. p.	0,10%
806429	Pepper (White) Extract	12	0,20%	0,10%	0,15%	0,15%	0,08%	0,15%	n. p.	0,20%
855537	Pepper Flavour	12	0,25%	0,10%	0,15%	0,10%	0,08%	0,20%	n. p.	0,15%
808877	Spice Flavour	6	1,00%	0,50%	0,80%	0,60%	0,15%	n. p.	n. p.	1,50%
855961	Thyme Flavour	12	0,08%	0,05%	0,08%	0,10%	0,04%	0,06%	n. p.	0,10%



Number	Product Name	Features	Declaration	Product Description	MSG	Carrier
187981	Anchovy Flavour	dry	Flavouring	salty, fatty, codfish, anchovy	0,0%	maltodextrine, dextrin
342060	Fish Flavour	spray dried	Flavouring	shellfish, sou, cooked	0,0%	maltodextrine, gum arabic
800633	Salmon (Smoked) Flavour	dry	Flavouring	fishy, smoked, spicy	28,0%	lactose
650498	Salmon (Unsmoked) Flavour	spray dried	Flavouring	fishy, cooked, egg white, fish powder	0,0%	maltodextrine, dextrin
804653	Sea Fish Flavour	dry	natural, SC 2	fishy, amine type, cooked, broth	34,0%	maltodextrine, salt
870612	Seafood (Surimi) Flavour	liquid	Flavouring	surimi, crab	0,0%	propylene glycol
853877	Shrimp Flavour	dry	natural, SC 4	crab, fishy, peely, bouillon-type	23,5%	lactose
382526	Shrimp (Fried) Flavour	dry	natural, SC 2	shrimp, fried	0,0%	starch, oat fibre, salt
870959	Tuna Flavour	dry	natural, SC 4	fishy,	0,0%	maltodextrine, salt
187968	White Fish Flavour	dry	Flavouring	fishy, codfish, seaweed	0,0%	maltodextrine



Number	Product Name	Features	Declaration	Product Description	MSG	Carrier
648702	Butter (Savoury) Flavour	liquid	Flavouring	buttery, savoury	0,0%	vegetable oil
202939	Egg Flavour	liquid	Flavouring	sour, cooked, oily, sulphurous	0,0%	propylene glycol
652525	Egg Yolk Flavour	spray dried	Flavouring	boiled, buttery, sulphurous	0,0%	maltodextrine, dextrin
650291	Masking (Savory) Flavour	dry	Flavouring	caramel, round	0,0%	lactose, maltodextrine
650514	Mayonnaise Spice Flavour	spray dried	natural, SC 4	lemon, herbal, fresh, minty	0,0%	maltodextrine, gum arabic
623309	Mustard Flavour	spray dried	Flavouring	hot, aromatic	0,0%	maltodextrine, gum arabic
856262	Mustard Flavour	dry	natural, SC 2	herbal, hot, tangy	0,0%	salt, glucose
801789	Mustard (Dijon) Flavour	dry	natural, SC 4	herbal, hot, spicy	0,0%	maltodextrine, mustard, glucose
655290	Mustard Seed Flavour	liquid	Flavouring	hot, aromatic	0,0%	vegetable oil (soya)
108836	Olive (Black) Flavour	spray dried	Flavouring	oily, matured	0,0%	maltodextrine, gum arabic
301432	Roast Butter Flavour	dry	Flavouring	new direction, cheap, natural	0,0%	lactose, milk powder
134116	Seasoning Flavour	dry	Flavouring	HVP, roasted	0,0%	salt, maltodextrine
180451	Smoke Dextrose	dry	Smoked Foods *	smoky, woody, acid	0,0%	dextrose
605253	Smoke Flavour	liquid	Flavouring	smoky, fatty	0,0%	vegetable oil
648529	Smoke Flavour	liquid	Flavouring	smoky	0,0%	propylene glycol
608087	Smoke (Hickory) Flavour	spray dried	Flavouring	smoky, woody, bacon	0,0%	maltodextrine, gum arabic
622976	Smoked Bell Pepper Powder (Red)	dry	Smoked Foods *	smoky, bell pepper	0,0%	paprika powder
622988	Smoked Onion Powder	dry	Smoked Foods *	smoky, onion	0,0%	onion powder
180452	Smoked Salt	dry	Smoked Foods *	smoky, satty	0,0%	salt
626974	Spice Flavour For Mayonnaise	dry	natural, SC 4	spicy	0,0%	lactose, salt
655424	Spice Flavour For Tomato Sauce (Fish)	liquid	natural, SC 4	spice, clove	0,0%	syrup, oil
299708	Tomato Ketchup Flavour	dry	natural, SC 4	allspice, clove, cinnamon	0,0%	salt
347496	Tomato Ketchup Flavour	dry	natural, SC 4	nutmeg, clove	0,0%	salt
648790	Tomato Ketchup Flavour	liquid	natural, SC 4	spicy, clove	0,0%	vegetable oil

Number	Product Name	Shelf life	Fillings	Soups, Sauces	Dressing, Mayo	Sausage, Meat	Salats	Cheese	Pickles	Ready Meals
187981	Anchovy Flavour	12	0,25%	0,10%	0,15%	0,20%	0,12%	0,20%	n. p.	0,30%
342060	Fish Flavour	15	0,15%	0,05%	0,20%	0,12%	0,08%	0,10%	n. p.	0,25%
800633	Salmon (Smoked) Flavour	12	0,80%	0,40%	0,50%	0,60%	0,30%	0,80%	n. p.	0,50%
650498	Salmon (Unsmoked) Flavour	12	0,25%	0,10%	0,20%	0,25%	0,12%	0,40%	n. p.	0,30%
804653	Sea Fish Flavour	12	1,00%	0,40%	0,60%	0,70%	0,30%	0,80%	n. p.	0,60%
870612	Seafood (Surimi) Flavour	6	0,60%	0,12%	0,15%	0,50%	0,25%	0,40%	n. p.	0,40%
853877	Shrimp Flavour	15	n. p.	0,30%	0,60%	0,50%	0,40%	n. p.	n. p.	0,60%
382526	Shrimp (Fried) Flavour	12	1,00%	0,20%	0,50%	0,80%	0,35%	0,80%	n. p.	0,60%
870959	Tuna Flavour	6	0,60%	0,20%	0,30%	0,40%	0,30%	0,50%	n. p.	0,30%
187968	White Fish Flavour	12	0,25%	0,10%	0,15%	0,20%	0,12%	0,20%	n. p.	0,30%

### EFSA completes first safety assessments of smoke flavourings

Press Release 8 January 2010

The European Food Safety Authority (EFSA) has completed the first ever review of the safety of 11 smoke flavourings used in the European Union. Based on EFSA's work, the European Commission will establish a list of smoke flavouring products authorised for use in foods.

Klaus-Dieter Jany, the chair of EFSA's expert Panel on flavourings (CEF Panel) said: "The Panel based its conclusions on the limited data which are currently available as well as conservative – or cautious – intake estimates. The Panel expressed safety concerns for several smoke flavourings where intake levels could be relatively close to the levels which may cause negative health effects. However, this does not necessarily mean that people consuming these products will be at risk as, in order to be on the safe side, the consumption estimates deliberately over-estimate intake levels."

To assess the safety of these smoke flavourings, the CEF Panel asked manufacturers for data on the composition and toxicity of their products as well as details on their intended uses and use levels. Based on this information, the Panel determined the highest intake level at which each product was shown not to cause adverse health effects in animals[1]. This level was then compared to estimated intake levels for humans in order to determine "margins of safety" for each product.

Out of the 11 smoke flavourings evaluated by the Panel, experts found that the margins of safety for two of the products[2] were large enough not to give rise to safety concerns when considering the uses and use levels specified by the manufacturers. For eight others[3], the smaller margins of safety did give rise to safety concerns and for one of those smoke flavourings[4] the Panel could not rule out concerns regarding possible genotoxicity (damage to the genetic material of cells) given the available data. The Panel could not assess the safety of one further smoke flavouring[5] due to the lack of adequate data available.

Smoke flavourings are products which can be added to certain foods – including meat, fish or cheeses – to give them a "smoked" flavour, as an alternative to traditional smoking. They can also be used as flavourings in other foods such as soups, sauces, drinks and confectionery. All of the smoke flavourings which have now been assessed by EFSA are currently, or have previously been, on the market in the EU.

[1] In several cases, no adverse effects were reported in animals at the highest levels tested. The margins of safety were calculated using these levels as no data were available on possible effects at higher levels. In other cases, certain products were found to affect the kidneys, blood biochemistry or body weight in animals at certain levels of intake.

[2] Scansmoke SEF7525 and Smoke Concentrate 809045

[3] TRADISMOKE A MAX, Scansmoke R909, Scansmoke PB 1110, SmokEz C-10, SmokEz Enviro 23, Unismoke, Zesti Smoke Code 10.

[4] AM 01

[5] Fumokomp

Number	Product Name	Shelf life	Fillings	Soups, Sauces	Dressing, Mayo	Sausage, Meat	Salats	Cheese	Pickles	Ready Meals
648702	Butter (Savory) Flavour	15	0,07%	0,03%	0,04%	0,02%	0,03%	0,05%	n. p.	0,04%
202939	Egg Flavour	12	n. p.	0,12%	0,25%	n. p.	0,10%	n. p.	n. p.	0,20%
652525	Egg Yolk Flavour	24	0,50%	0,20%	0,40%	0,30%	0,15%	n. p.	n. p.	0,30%
650291	Masking (Savory) Flavour	15	0,35%	0,30%	0,20%	n. p.	n. p.	0,10%	n. p.	0,05%
650514	Mayonnaise Spice Flavour	24	0,20%	0,03%	0,05%	0,15%	0,10%	n. p.	n. p.	0,15%
623309	Mustard Flavour	24	0,30%	0,02%	0,10%	0,15%	0,05%	0,05%	n. p.	0,20%
856262	Mustard Flavour	12	0,50%	0,15%	0,40%	0,40%	0,30%	0,40%	n. p.	0,25%
801789	Mustard (Dijon) Flavour	12	0,60%	0,15%	0,40%	0,50%	0,35%	0,50%	n. p.	0,50%
655290	Mustard Seed Flavour	24	0,08%	0,03%	0,06%	0,10%	0,40%	0,06%	n. p.	0,06%
108836	Olive (Black) Flavour	24	0,12%	0,08%	0,06%	0,15%	0,05%	0,10%	n. p.	0,15%
301432	Roast Butter Flavour	12	n. p.	0,60%	n. p.	n. p.	n. p.	n. p.	n. p.	0,80%
134116	Seasoning Flavour	12	n. p.	0,10%	0,50%	0,52%	0,25%	0,60%	n. p.	0,25%
180451	Smoke Dextrose	18	n. p.	0,15%	0,30%	0,40%	0,10%	0,35%	n. p.	0,30%
605253	Smoke Flavour	24	0,50%	0,04%	0,15%	0,40%	0,12%	0,40%	n. p.	0,50%
648529	Smoke Flavour	18	0,12%	0,10%	0,08%	0,15%	0,06%	0,20%	n. p.	0,30%
608087	Smoke (Hickory) Flavour	24	n. p.	0,20%	0,30%	0,40%	0,12%	0,20%	n. p.	0,30%
622976	Smoked Bell Pepper Powder (Red)	12	1,00%	0,25%	0,60%	0,80%	0,35%	0,80%	n. p.	0,80%
622988	Smoked Onion Powder	12	n. p.	0,80%	n. p.	1,20%	0,60%	0,90%	n. p.	1,00%
180452	Smoked Salt	12	0,30%	0,12%	0,15%	0,40%	0,10%	0,25%	n. p.	0,25%
626974	Spice Flavour For Mayonnaise	24	0,20%	0,15%	0,12%	0,15%	n. p.	n. p.	n. p.	0,20%
655424	Spice Flavour For Tomato Sauce (Fish)	12	n. p.	0,30%	0,20%	0,30%	0,20%	n. p.	n. p.	0,25%
299708	Tomato Ketchup Flavour	12	n. p.	0,08%	0,06%	0,08%	0,03%	0,04%	n. p.	n. p.
347496	Tomato Ketchup Flavour	12	n. p.	0,06%	0,05%	0,04%	0,02%	n. p.	n. p.	n. p.
648790	Tomato Ketchup Flavour	12	n. p.	0,06%	0,05%	0,04%	0,02%	0,04%	n. p.	n. p.



Number	Product Name	Features	Declaration	Vegetarian Information VN / LV / OLV (1)	Free from added Taste Enhancers	Free from added HVP	Free from Allergens (2)	Free from genetically modified Protein or DNA	Free from genetically modified Ingredients	Nutritional Data (kJ) per 100g Flavouring
188168	SymLife® Sweet Enhancer	liquid	Flavouring	yes / yes / yes	yes	yes	yes	yes	yes	1654
198234	SymLife® Sweet Enhancer	dry	natural, SC 4	yes / yes / yes	yes	yes	wheat, gluten (marking labelling) *, **	yes	yes	1106
268063	SymLife® Sweet Flavour	liquid	natural, SC 4	yes / yes / yes	yes	yes	yes	yes	yes	1672
198921	SymLife® Sweet Sugar Flavour	liquid	natural, SC 4	yes / yes / yes	yes	yes	yes	yes	yes	1562

\*) Product is free from Gluten acc. to the Definition of Codex Alimentarius  
 \*\*) The product contains Sulphur Dioxide < 10 ppm  
 (1) Suitable for VN=Vegans LV=Lacto-Vegetarian, OLV=Ovo-Lacto-Vegetarian  
 (2) EC Declaration of Allergens according to directive 2000/13, modified by directive 2003/89

## SymLife® Sweet

... as part of the Symrise *taste for life*® concept allow to reduce the content of sugar in finished products and helps to make them healthier. *taste for life*® flavour concepts turn your products into healthy foods with the tastes that consumers love!

What started out as a wellness trend has become a new way of thinking for many consumers: living a healthier lifestyle but still being able to enjoy what you eat. The shifts in consumer values and expectations have brought about a turning point in the food industry and its products.

### *A full taste without as much sugar*

Consumers are demanding healthier options, but they won't compromise on taste, and neither will we. That's why Symrise is making, the tastes people love, healthier'.

### **SymLife® Sweet**

... is a series of natural fruit based flavourings which allow you to get a sweeter taste without as much sugar. In certain applications they can lower the saccharose content by up to 30% – and still round out the full flavour profile.

#### **Carrier:**

Maltodextrine and Gum Arabic (dry flavours)  
 Propyleneglycole (liquid flavours)

#### **Dosage:**

0.10 - 0.30% depending on application



Number	Product Name	Features	Declaration	Vegetarian Information VN / LV / OLV (1)	Free from added Taste Enhancers	Free from added HVP	Free from Allergens (2)	Free from genetically modified Protein or DNA	Free from genetically modified Ingredients	Nutritional Data (kJ) per 100g Flavouring
391942	Salt Enhancer	dry	Flavouring	yes / yes / yes	yes	yes	yes	yes	yes	1246
684692	Salt Enhancer	dry	Flavouring	yes / yes / yes	yes	yes	yes; **	yes	yes	1118
383453	Salt Enhancer	dry	Flavouring	yes / yes / yes	yes	yes	yes; **	yes	yes	1130
388935	Salt Enhancer	dry	Flavouring	yes / yes / yes	no (contains Maltol 0.005%)	yes	yes; **	yes	yes	1147

\*) Product is free from Gluten acc. to the Definition of Codex Alimentarius

\*\*\*) The product contains Sulphur Dioxide < 10 ppm

(1) Suitable for VN = Vegans LV = Lacto-Vegetarians, OLV = Ovo-Lacto-Vegetarians

(2) EC Declaration of Allergens according to directive 2000/13, modified by directive 2003/89

## SymLife® Salt

... as part of the Symrise *taste for life*® concept allow to reduce the content of sodium in finished products by up to 50 % without losing the authentic salty taste.

### Low sodium - just more than a trend in „Food-Minus“

Health, wellness and variety are the key factors driving innovation and development of the today's food market. Customers become more and more aware to the correlation between health consciousness, diet and nutrition. This development comes along with increasing consumption of tasty ready-to-use convenience food.

### SymLife® Salt

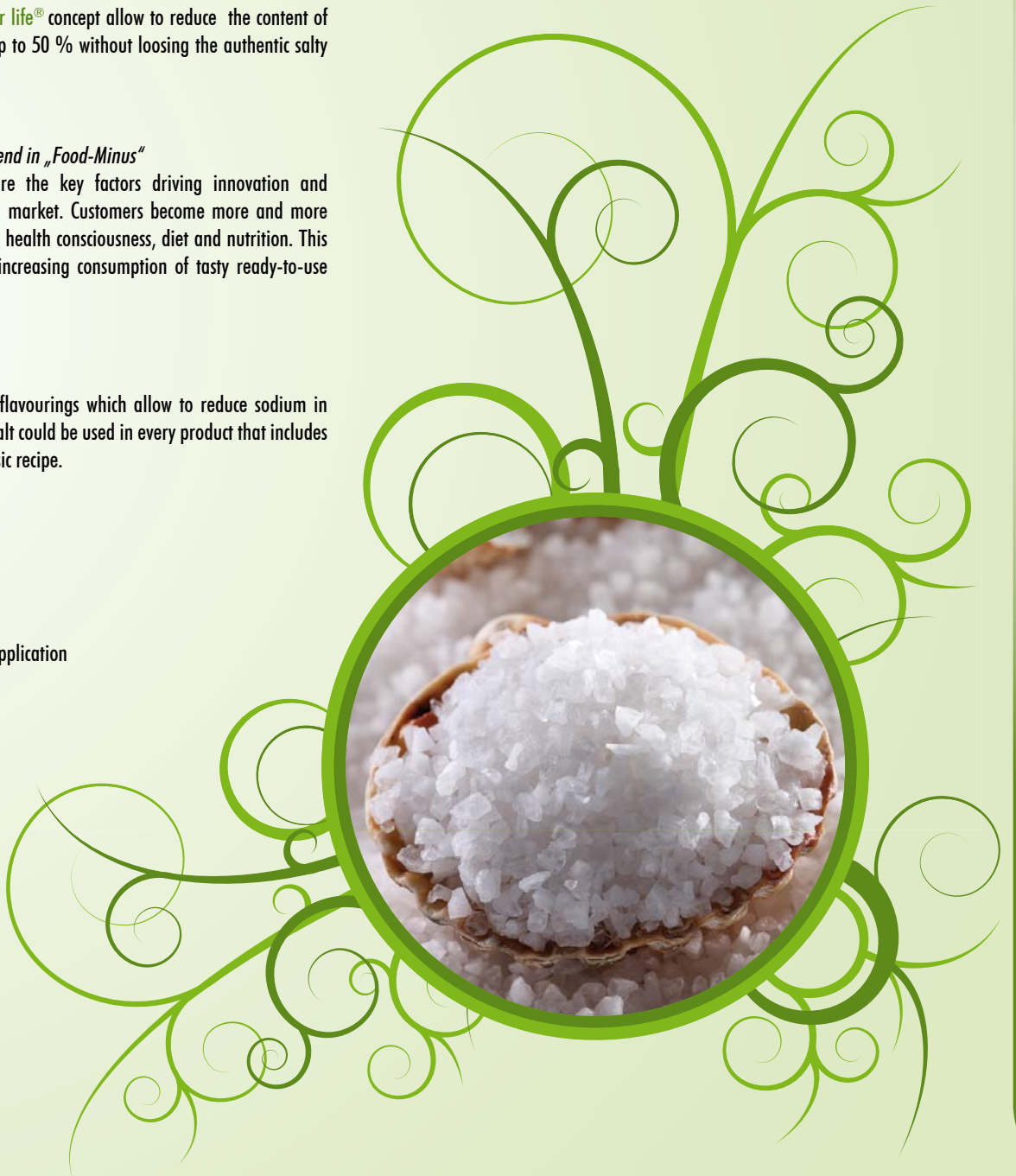
... is a group of salt enhancing flavourings which allow to reduce sodium in savoury applications. SymLife® Salt could be used in every product that includes a small level of saltiness in its basic recipe.

### Carrier:

Maltodextrine

### Dosage:

0.1 % to 0.25 % depending on application



# Th. Geyer



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