

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION : ORANGE OIL 5 FOLD
APPEARANCE : ORANGE-DARK ORANGE LIQUID
BATCH NUMBER : 4504403
Best Before : APRIL 2026

ANALYSIS	RESULTS	SPECIFICATION
Aldehyde content (as decanal)	6.2	≥ 2.0

Ingredient Declaration for label

Compound Name : ORANGE OIL 5 FOLD

Suggested labelling for foodstuffs according to 1334/2008/EEC

Flavour labelling Natural Orange flavouring

Contains:

Legal Composition

List of flavouring categories and other ingredients in descending order of weight

Flavouring Categories: Natural Orange flavouring

Any substances which are restricted in food are listed below

Allergen Analysis

Compound Name : ORANGE OIL 5 FOLD

ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in		
		Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	A	A
Amyl Cinnamal	122-40-7	A	A	A
Amylcinnamyl Alcohol	101-85-9	A	A	A
Anise Alcohol	105-13-5	A	A	A
Benzyl Alcohol	100-51-6	A	A	A
Benzyl Benzoate	120-51-4	A	A	A
Benzyl Cinnamate	103-41-3	A	A	A
Benzyl Salicylate	118-58-1	A	A	A
Butylphenyl Methylpropional (Lilial)	80-54-6	A	A	A
Cinnamal	104-55-2	A	A	A
Cinnamyl Alcohol	104-54-1	A	A	A
Citral	5392-40-5	A	0.18	0.18
Citronellol	106-22-9	A	A	A
Coumarin	91-64-5	A	A	A
Eugenol	97-53-0	A	A	A
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	A
Farnesol	4602-84-0	A	A	A
Geraniol	106-24-1	A	A	A
Hexyl Cinnamal	101-86-0	A	A	A
Hydroxycitronellal	107-75-5	A	A	A
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	A	A	A
Isoeugenol	97-54-1	A	A	A
Limonene	5989-27-5 7705-14-8	A	93.60	93.60
Linalool	78-70-6	A	1.52	1.52
Methyl 2-Octynoate	111-12-6	A	A	A

Food Allergen Declaration

According to 2007/68/EC

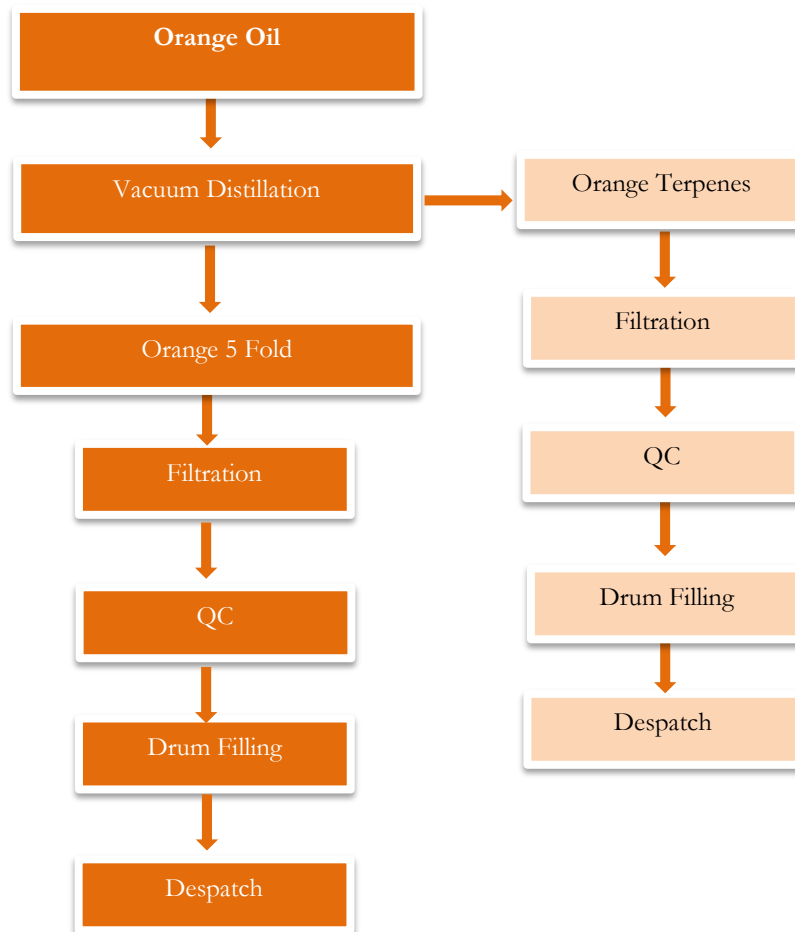
Compound Name : ORANGE OIL 5 FOLD

We have carefully reviewed the ingredients in this product.

Allergen Source	Present
Celery and products thereof	No
Crustaceans and products thereof	No
Eggs and products thereof	No
Fish and products thereof	No
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof	No
Lupin and products thereof	No
Milk and products thereof (including lactose)	No
Molluscs and products thereof	No
Mustard and products thereof	No
Nuts i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut and products thereof	No
Peanuts and products thereof	No
Sesame seeds and products thereof	No
Soybeans and products thereof	No
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO ₂	No

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Production of 5 Fold Orange and Orange Terpenes



GMO Declaration

According to 1829/2003/EC

Compound Name : ORANGE OIL 5 FOLD

We have carefully reviewed the ingredients in this product for their potential genetically modified (GM) origin. The list includes ingredients which may be produced from other GM ingredients

Material	Present	Of GMO Origin
Chicory	No	-
Cotton	No	-
Maize	No	-
Potato	No	-
Rape	No	-
Soya	No	-
Sugar Beet	No	-
Tomato	No	-
Wheat	No	-

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Product Name Orange Oil 5 fold
C

We certify that the above product is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 50th Amendment to the IFRA Code of Practice (published June,2021), provided it is used in the following class(es) at a maximum concentration level of:

IFRA Class	Maximum level of use (%)
Category 1	27.5
Category 2	8.0
Category 3	13
Category 4	100
Category 5A	37.5
Category 5B	25.5
Category 5C	37.5
Category 5D	8.5
Category 6	87.5
Category 7A	38.5
Category 7B	38.5
Category 8	8.5
Category 9	100
Category 10A	100
Category 10B	100
Category 11A	8.5
Category 11B	8.5
Category 12	100

Components

1 Citral 0.4%

2 Citronellal 0.2%

3 Perilla aldehyde 0.02%

The IFRA Standards regarding use restrictions are based on safety assessments by the panel of experts of the RIFM and are enforced by the IFRA Scientific Committee.

This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents.

It is the ultimate responsibility of our customer to ensure the safety of the final product with other tests if necessary.

ANNEX : Definition of IFRA Classes 50th Amendment

IFRA class	Product application
Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys
Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deocologne, etc.) Body sprays (including body mist)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer. Facial make up and foundation Make-up remover for face and eyes Nose pore strips Wipes or refreshing tissues for face, neck, hands, body Body and face paint (for children and adults) Facial masks for face and around the eyes
Category 4	Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.) Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetic kits Scent pads, foil packs Scent strips for hydroalcoholic products
Category 5A	Body creams, oils, lotions of all types Foot care products (creams and powders) Insect repellent (intended to be applied to the skin) All powders and talc (excluding baby powders and talc)
Category 5B	Facial toner Facial moisturizers and creams
Category 5C	Hand cream Nail care products including cuticle creams, etc. Hand sanitizers
Category 5D	Baby cream/lotion, baby oil, baby powders and talc
Category 6	Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids non sprays (mousse, gels, leave-on conditioners) Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes Shampoo - Dry (waterless shampoo) Hair deodorizer
Category 8	Intimate wipes Tampons Baby wipes Toilet paper (wet)
Category 9	Bar soap Shampoo of all type Cleanser for face (rinse-off) Conditioner (rinse-off) Liquid soap Body washes and shower gels of all types Baby wash, bath, shampoo Bath gels, foams, mousses, salts, oils and other products added to bathwater Foot care products (feet are placed in a bath for soaking) Shaving creams of all types (stick, gels, foams, etc.) All depilatories (including facial) and waxes for mechanical hair removal Shampoos for pets

IFRA class	Product application
Category 10A	<p>Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g.paste, sprays, sticks) Hand dishwashing detergent (including concentrates) Hard surface cleaners of all types (bathroom and kitchen cleansers,furniture polish, etc.) Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates Dry cleaning kits Toilet seat wipes Fabric softeners of all types including fabric softener sheets Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics) Floor wax Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.</p>
Category 10B	<p>Ironing water (Odorized distilled water) Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides</p>
Category 11A	<p>Feminine hygiene conventional pads,liners, interlabial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry)</p>
Category 11B	<p>Tights with moisturizers Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels Wheat bags Facial masks (paper/protective) e.g.surgical masks not used as medicaldevice Fertilizers, solid (pellet or powder)</p>
Category 12	<p>Candles of all types (including encased) Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods) Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals) Air delivery systems Cat litter Cell phone cases Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) Fuels Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays Joss sticks or incense sticks Dishwash detergent and deodorizers – for machine wash Olfactive board games Paints Plastic articles (excluding toys) Scratch and sniff Scent pack Scent delivery system (using dry air technology) Shoe polishes Rim blocks (Toilet)</p>

SAFETY DATA SHEET

Printed on 16 February 2021

CLP: According to 2015/830/EU

Version 1 Revised 26/01/2021

14:39:59

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name ORANGE OIL 5 FOLD

Alternative Name

REACH Reg No 01-2119493353-35-0020

1.2 Relevant identified uses of the substance or mixture and uses advised against

Concentrated material for manufacturing purposes only

1.3 Details of the supplier of the safety data sheet

YouWish
Venserweg 21M
1112AR Diemen
The Netherlands
www.youwish.nl

Telephone Number + 31 20 7867784
Email Address contact@youwish.nl

1.4 Emergency Tel No + 31 20 7867784

Section 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

FL 3 Flammable liquid, category 3
AH 1 Aspiration hazard, category 1
SCI 2 Skin corrosion/irritation, category 2
SS 1 Skin sensitisation, category 1
EH C2 Aquatic hazard, chronic, category 2

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Version 1 Revised 26/01/2021 14:39:59

CLP Label elements

CLP classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Danger

Hazard Statements

- | | |
|------|---|
| H226 | Flammable liquid and vapour |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|-----------|--|
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P280 | Wear protective gloves and eye protection |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTRE. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P331 | Do NOT induce vomiting. |
| P391 | Collect spillage. |

2.3 Other Hazards

Contains Citral, Limonene and Linalool which may produce an allergic reaction
No further information available at this time

Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

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3.1 Substances

Description ORANGE OIL 5 FOLD
EC/EINECS 232-433-8
CAS Number 8028-48-6
USCAS Number 8008-57-9

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) AH 1;SCI 2;SS 1B;EH A1,C1 H304,H315,H317,H400,H410	100.0000
CAS 123-35-3 EINECS 204-622-5 REACH	Myrcene FL 3;AH 1;SCI 2;EDI 2 H226,H304,H315,H319	2.9999
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool SCI 2;SS 1B;EDI 2 H315,H317,H319	2.9999
CAS 112-31-2 EINECS 203-957-4 REACH	Decanal EDI 2;EH C3 H319,H412	2.9999

Refer to section 16 for the wording of listed classification and hazard statement codes

Section 4. First Aid measures

Take phrases in sections 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

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4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

Section 5. Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder
DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.
Avoid inhalation, skin and eye contact.
Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

Section 7. Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

7.3 Specific end use(s)

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Section 8. Exposure controls / personal protection

8.1 Control Parameters

No information available

8.2 Exposure controls

Engineering controls

No information available

Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information available

Environmental exposure controls

No information available

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C)	53
Colour	Orange-dark orange
Aroma	Typical odour of orange
Solubility	Insoluble

9.2 Other information

No further information available

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Section 10. Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

10.4 Conditions to avoid

Extreme temperatures

10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion / irritation

No data available

Serious eye damage / irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

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STO-single exposure

No data available

STO-repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

Symptoms related to the physical, chemical and toxicological characteristics

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available

Interactive effects

No data available

Other information

No data available

Section 12. Ecological information

12.1 Toxicity

No data available. Avoid soil, surface water and water-bearing stratum contamination.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

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Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Section 14. Transport information

14.1 UN number 1169

14.2 UN proper shipping name EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es) 3

14.4 Packing group III

Tunnel Code (D/E)

14.5 Environmental Hazards

Marine Pollutant - contains environmentally hazardous substances (LIMONENE)

14.6 Special precautions for user

No relevant information available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

Section 16. Other information

Full list of precautionary phrases

P262	Do not get in eyes, on skin, or on clothing.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves and eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.
P302+P352	IF ON SKIN: Wash with plenty of water.

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P331 Do NOT induce vomiting.

P391 Collect spillage.

Wording of any hazard classes listed in section 3

FL 3 Flammable liquid, category 3
AH 1 Aspiration hazard, category 1
SCI 2 Skin corrosion/irritation, category 2
SS 1B Skin sensitisation, category 1B
EDI 2 Eye damage/irritation, category 2
EH A1 Aquatic hazard, acute, category 1
EH C1 Aquatic hazard, chronic, category 1
EH C3 Aquatic hazard, chronic, category 3

Wording of any hazard statements listed in section 3

H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H412 Harmful to aquatic life with long lasting effects

PRODUCT SPECIFICATION

Product Name : ORANGE OIL 5 FOLD

Flash Point deg C : 53

Aroma / Taste : TYPICAL ODOUR OF ORANGE

Appearance / Physical State : ORANGE-DARK ORANGE LIQUID

Composition : ESSENTIAL OIL

Aldehyde content (as decanal) >= 2.0

Shelf Life : 6 Months
(if stored in full airtight containers, protected from heat and direct sunlight)

Version Number : 5 Version Date : 26 January 2021

Vegetarian Declaration

Compound Name : ORANGE OIL 5 FOLD

Vegan	Y	No ingredients of animal origin or animal derivatives, including additives and processing aids
Vegetarian	Y	No ingredients of animal origin, including additives and processing aids. No egg or dairy; bee products are allowed
Ovo-lacto Vegetarian	Y	May include egg, dairy and bee products. No other ingredients of animal origin or animal derivatives, including additives and processing aids are allowed

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