

ליטר 1 SW ניחוחות מרי רוז- תרכיז בושם, היטוי וניקוי רצפות
81083

Trade name : MERY ROZ

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

Use of the Substance/Mixture : Fragrance for consumer product

1.3 Details of the supplier of the safety data sheet

Company : 034179770

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

1.1 Product identifier

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.
Reproductive toxicity, Category 2	H361f: Suspected of damaging fertility.
Chronic aquatic toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

Toxic to Reproduction Category 3	R62: Possible risk of impaired fertility. Sensitising
R43: May cause sensitization by skin contact. Dangerous for the environment	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Irritant	R38: Irritating to skin.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word :

Warning

Hazard statements :

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H361f Suspected of damaging fertility.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements :

Prevention:
P273 Avoid release to the environment.
P280 Wear protective gloves.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Hazardous components which must be listed on the label:

101-86-0 alpha-hexylcinnamaldehyde
80-54-6 2-(4-tert-butylbenzyl)propionaldehyde
68155-66-8 1,1,6,7-Tetramethyl-6-acetyldecalene (isomers)
127-51-5 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one

2.3 Other hazards

None reasonably foreseeable.

3. Composition/information on ingredients

3.1 Substances

Not applicable, product is a mixture.

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]

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alpha-hexylcinnamaldehyde	101-86-0 202-983-3 01-2119533092-50	Xi; R38 Xi; R43	Skin Irrit.2; H315 Skin Sens.1; H317	25 - 50
2-(4-tert-butylbenzyl)propionaldehyde	80-54-6 201-289-8	Xn; R22 Xi; R38 Xi; R43 N; R51/53 Repr.Cat.3; R62	Acute Tox.4; H302 Skin Irrit.2; H315 Repr.2; H361f Skin Sens.1; H317 Aquatic Chronic2; H411	10 - 20
1,1,6,7-Tetramethyl-6-acetyldecalene (isomers)	68155-66-8 268-978-3 01-2119489989-04	Xi; R38 Xi; R43 N; R51/53	Skin Irrit.2; H315 Skin Sens.1; H317 Aquatic Chronic2; H411	2,5 - 10
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0 272-805-7	N; R51/53	Aquatic Chronic2; H411	2,5 - 10
isopentyl salicylate	2050-08-0 218-080-2	N; R50/53	Aquatic Chronic1; H410	2,5 - 10
2-tert-butylcyclohexyl acetate	88-41-5 201-828-7	N; R51/53	Aquatic Chronic2; H411	2,5 - 10
methyl 2-naphthyl ether	93-04-9 202-213-6	N; R51/53		2,5 - 10
2,6-dimethyloct-7-en-2-ol	18479-58-8 242-362-4 01-2119457274-37	Xi; R38	Eye Irrit.2; H319	0 - 10
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5 204-846-3	Xi; R43 N; R51/53	Skin Sens.1; H317 Aquatic Chronic2; H411	1 - 2,5
diphenyl ether	101-84-8 202-981-2	N; R50/53	Aquatic Chronic1; H410	0,25 - 2,5
undecan-4-olide	104-67-6 203-225-4	N; R51/53		0 - 2,5
1-(2,6,6-trimethyl-2-cyclohexen-1-yl)pent-1-en-3-one	7779-30-8 231-926-5	Xi; R43 N; R51/53	Skin Sens.1; H317 Aquatic Chronic2; H411	0,1 - 1
2'-acetonaphthone	93-08-3 202-216-2	N; R51/53	Aquatic Chronic2; H411	0 - 2,5
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	57378-68-4 260-709-8 01-2119535122-53	Xn; R22 Xi; R38 Xi; R43 N; R50/53	Acute Tox.4; H302 Skin Irrit.2; H315 Skin Sens.1; H317 Aquatic Chronic1; H410	0,25 - 1
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	R52/53 R43 Xi; R36/38	Skin Irrit.2; H315 Eye Irrit.2; H319 Skin Sens.1; H317 Aquatic Chronic3; H412	0,1 - 1

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3-methyl-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one	79-89-0 201-231-1	Xi; R43 N; R51/53	Skin Sens.1; H317 Aquatic Chronic2; H411	0,1 - 1
1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one	127-43-5 204-843-7	Xi; R43 N; R51/53	Skin Sens.1; H317 Aquatic Chronic2; H411	0,1 - 1

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

- General advice : Take Risk and Safety phrases (section 15) into account.
- If inhaled : Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
- In case of skin contact : Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
- In case of eye contact : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- If swallowed : Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

5. Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Carbondioxide, dry chemical, foam.
- Unsuitable extinguishing media : Do not use a direct waterjet on burning material.

5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire fighting : Water may be ineffective.

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5.3 Advice for firefighters

Further information : Standard procedure for chemical fires.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Environmental precautions : Keep away from drains, surface- and groundwater and soil.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Prevent spreading over a wide area (e.g. by containment or oil barriers).

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees.

Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.

Advice on protection against fire and explosion : Keep away from ignition sources and naked flame.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.

7.3 Specific end uses

Specific use(s) : No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Components	CAS-No.	Exposure limit(s)		
Benzene, 1,1'-oxybis-	101-84-8	STEL	2 ppm	
		TWA	1 ppm	5 mg/m3

8.2 Exposure controls

Engineering measures

Where appropriate, use closed systems to transfer and process this material.
If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant.

Personal protective equipment

Respiratory protection : Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.

If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:

- a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or
- b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or
- c) if normal operational workplace vapor concentration in the air is increased due to heat ;

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d)during emergencies; or
e)if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.

- Hand protection : Avoid skin contact. Use chemically resistant gloves.
- Eye protection : Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.
- Hygiene measures : To the extent deemed appropriate, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.
To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.

Environmental exposure controls

- General advice : Keep away from drains, surface- and groundwater and soil.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Colour : colorless to pale yellow
- Odour : not determined
- Odour Threshold : not determined
- Flash point : > 100 °C
- Lower explosion limit : not determined
- Upper explosion limit : not determined
- Flammability (solid, gas) : not determined
- Oxidizing properties : not determined
- Autoignition temperature : not determined
- pH : not determined
- Melting point : not determined
- Boiling point : not determined
- Vapour pressure : 0,12 hPa
- Density : not determined
- Water solubility : not determined
- Partition coefficient: n- : not determined

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octanol/water
Solubility in other solvents : not determined
Viscosity, dynamic : not determined
Viscosity, kinematic : not determined
Relative vapour density : not determined
Evaporation rate : not determined

9.2 Other information

Refractive index : Note: not determined
Relative density : 0,9610 - 0,9710

10. Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Note: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

10.4 Conditions to avoid

Conditions to avoid : Direct sources of heat.

10.5 Incompatible materials

Materials to avoid : Avoid contact with strong acids, alkali or oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate: 3.920,68 mg/kg
Method: Calculation method

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Acute dermal toxicity : Acute toxicity estimate: 5.057,94 mg/kg
Method: Calculation method

Skin corrosion/irritation

alpha-hexylcinnamaldehyde : Species: rabbit
Result: Skin irritation
Classification: Irritating to skin.
Method: Directive 67/548/EEC, Annex V, B.4.
Exposure time: 24 h
Test substance:(undiluted)

Serious eye damage/eye irritation

No lead substance

Respiratory or skin sensitization

alpha-hexylcinnamaldehyde : LLNA
Species: mouse
Classification: May cause sensitization by skin contact.
Result: Causes sensitization.
Method: OECD 429

Germ cell mutagenicity

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Carcinogenicity

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Reproductive toxicity

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Target Organ Systemic Toxicant - Single exposure

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Target Organ Systemic Toxicant - Repeated exposure

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Aspiration hazard

No test data available. Ingredients with an aspiration hazard are identified in section 3.

12. Ecological information

12.1 Toxicity

Toxicity to fish
isopentyl salicylate : LC50: 1,34 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

12.2 Persistence and degradability

Biodegradability
isopentyl salicylate : Result: Readily biodegradable.
81 %
Method: Directive 67/548/EEC Annex V, C.4.B.
Result: Readily biodegradable.
86 %
Method: Directive 67/548/EEC Annex V, C.4.F.

12.3 Bioaccumulative potential

12.4 Mobility in soil

Mobility : no data available

12.5 Results of PBT and vPvB assessment

This product contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)., This product contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

Additional ecological information : There is no data available for this product. The environmental hazards are assessed based on the ingredients in this preparation and their concentrations according to the conventional method of Directive 99/45/ EC (see sections 3 and 15).

13. Disposal considerations

13.1 Waste treatment methods

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Product	: Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.
Contaminated packaging	: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

ADR

UN number	: 3082
Description of the goods	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXYL CINNAMAL)
Labels	: 9
Packing group	: III
Environmentally hazardous	: yes

IATA

UN number	: 3082
Description of the goods	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXYL CINNAMAL)
Labels	: 9
Packing group	: III
Environmentally hazardous	: yes

IMDG

UN number	: 3082
Description of the goods	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXYL CINNAMAL)
Labels	: 9
Packing group	: III
Marine pollutant	: yes
Special precautions for user	: No special precautions required.

15. Regulatory information

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

Labelling # EU Directives 67/548/EEC or 1999/45/EC—

Symbol(s)	: Xn Harmful N Dangerous for the environment
R-phrases(s)	: R38 Irritating to skin. R43 May cause sensitization by skin contact.

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R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62 Possible risk of impaired fertility.

S-phrases(s) : S36/37 Wear suitable protective clothing and gloves.
S61 Avoid release to the environment. Refer to special instructions/
Safety data sheets.

Water contaminating class : WGK 3 highly water endangering
(Germany)

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further information

In December 2003, the National Institute for Occupational Safety and Health ("NIOSH") published an Alert on preventing lung disease in workers who use or make flavorings [NIOSH Publication Number 2004-110]. In August 2004, the United States Flavor and Extract Manufacturers Association (FEMA) issued a report

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entitled "Respiratory Safety in the Flavor Manufacturing Workplace".

Both of these reports provide recommendations for reducing employee exposure and for medical surveillance in the workplace. The recommendations in these reports are generally applicable to the use of any chemical in the workplace and you are strongly urged to review both of these reports.

The report published by FEMA also contains a list of "high priority" chemicals. If any of these chemicals are present in this product at a concentration $\geq 1.0\%$ due to an intentional addition by IFF, the chemical(s) will be identified in this safety data sheet.

According to Regulation (EC) No. 1907/2006 the information in this safety data sheet is based on the properties of the material known to IFF at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment International Flavors & Fragrances holds no responsibility. This document is not intended for quality assurance purposes.

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