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SECTION 1: Identification of the substance/mixture and of the company/ undertaking

· 1.1 Product identifier

· **Trade name: New Car**
· **Product code:** RM8021P

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

· **Application of the substance / the mixture:** Fragrance
· **Uses advised against:** No further relevant information available.

· 1.3 Details of the supplier of the Safety Data Sheet

· **Manufacturer/Supplier:**
FRSH SCENTS LIMITED
Unit 04-05, 16th Floor, The Broadway No. 54-62 Lockhart Road,
Wanchai, Hong Kong
TEL +44(0)1903 750355

· 1.4 Emergency telephone number:

ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**

Eye Irrit. 2	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

· 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
· **Hazard pictograms**

GHS07 GHS09

· **Signal word** Warning
· **Hazard-determining components of labelling:**
alpha-Hexylcinnamaldehyde
4-tert-butylcyclohexyl acetate
Coumarin
allyl phenoxyacetate
· **Hazard statements**
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
· **Precautionary statements**
P261 Avoid breathing mist/vapours/spray.

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P280	Wear protective gloves / eye protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

· **2.3 Other hazards** There are no other hazards not otherwise classified that have been identified.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Components:**

CAS: 101-86-0 EINECS: 202-983-3	alpha-Hexylcinnamaldehyde Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Skin Sens. 1B, H317	3-4,5%
CAS: 120-51-4 EINECS: 204-402-9 Index number: 607-085-00-9 Reg.nr.: 01-2119976371-33-XXXX	Benzyl benzoate Aquatic Chronic 2, H411 Acute Tox. 4, H302	3-4,5%
CAS: 32210-23-4 EINECS: 250-954-9 Reg.nr.: 01-2119976286-24-XXXX	4-tert-butylcyclohexyl acetate Skin Sens. 1B, H317	1,5-3%
CAS: 140-11-4 EINECS: 205-399-7 Reg.nr.: 01-2119638272-42-XXXX	Benzyl acetate Aquatic Chronic 3, H412	1,5-3%
CAS: 78-70-6 EINECS: 201-134-4 Index number: 603-235-00-2 Reg.nr.: 01-2119474016-42-XXXX	Linalool Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,3-1,5%
CAS: 1506-02-1 EINECS: 244-240-6 Reg.nr.: 01-2119539433-40-XXXX	1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl) ethan-1-one (Fixolid) Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Tox. 4, H302	0,3-1,5%
CAS: 115-95-7 EINECS: 204-116-4 Reg.nr.: 01-2119454789-19-XXXX	Linalyl acetate Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,3-1,5%
CAS: 7493-74-5 EINECS: 231-335-2 Reg.nr.: 01-2120762043-63-XXXX	allyl phenoxyacetate Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Sens. 1B, H317	0,3-1,5%
CAS: 8013-90-9 EINECS: 232-396-8	Ionone (mixed isomers) Aquatic Chronic 2, H411	0,3-1,5%
CAS: 91-64-5 EINECS: 202-086-7 Reg.nr.: 01-2119943756-26-XXXX	Coumarin Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331	0,3-1,5%

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01-2119949300-45-XXXX	Aquatic Chronic 2, H411 Skin Sens. 1, H317	
CAS: 106-25-2 EINECS: 203-378-7 Reg.nr.: 01-2119983244-33-XXXX	Nerol Eye Dam. 1, H318 Skin Irrit. 2, H315; Skin Sens. 1B, H317	0,3-1,5%
CAS: 121-32-4 EINECS: 204-464-7 Reg.nr.: 01-2119958961-24-XXXX	3-ethoxy-4-hydroxybenzaldehyde Eye Irrit. 2, H319	0,3-1,5%
CAS: 88-41-5 EINECS: 201-828-7	2-tert-butylcyclohexyl acetate Aquatic Chronic 2, H411	0,3-1,5%
CAS: 106-24-1 EINECS: 203-377-1 Reg.nr.: 01-2119552430-49-XXXX	Geraniol Eye Dam. 1, H318 Skin Irrit. 2, H315; Skin Sens. 1, H317	0,3-0,9%
CAS: 31906-04-4 EINECS: 250-863-4 Index number: 605-040-00-8	3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde Skin Sens. 1A, H317	0-0,3%
CAS: 51414-25-6 EINECS: 257-187-9 Index number: 605-040-00-8	3-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde Skin Sens. 1, H317	0-0,3%

· **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**
Clean with water and soap.
If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**
Gastric or intestinal disorders when ingested.
Causes eye irritation.
Allergic reactions

· **4.3 Indication of any immediate medical attention and special treatment needed**
Contains alpha-Hexylcinnamaldehyde, 4-tert-butylcyclohexyl acetate, allyl phenoxyacetate, Coumarin, Nerol, Geraniol, 3-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde, 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde. May produce an allergic reaction.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

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· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
Foam
Gaseous extinguishing agents
Carbon dioxide
Fire-extinguishing powder
Water haze or fog
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **5.2 Special hazards arising from the substance or mixture**
Combustible liquid.
Formation of toxic gases is possible during heating or in case of fire.
· **5.3 Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Use personal protective equipment as required.
Particular danger of slipping on leaked/spilled product.
· **6.2 Environmental precautions**
Avoid release to the environment.
Inform respective authorities in case of seepage into water course or sewage system.
· **6.3 Methods and material for containment and cleaning up**
Towel or mop up material and collect in a suitable container.
For larger spills, add non-combustible inert binding material, then sweep up and discard.
Send for recovery or disposal in suitable receptacles.
· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.
Avoid contact with the eyes and skin.
· **Information about fire - and explosion protection:**
Combustible liquid.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Requirements to be met by storerooms and receptacles:**
Store in cool, dry conditions in well sealed receptacles.
Avoid storage near extreme heat, ignition sources or open flame.

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· **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
140-11-4 Benzyl acetate	
OEL (Ireland)	Long-term value: 10 ppm

· **8.2 Exposure controls**
· **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
· **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
· **Protection of hands:**

Protective gloves

· **Eye protection:**

Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.
· **Body protection:** Protective work clothing
· **Limitation and supervision of exposure into the environment:** Avoid release to the environment.
· **Risk management measures:** No further relevant information available.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **Appearance**

Form:	Liquid
Colour:	According to product specification
· **Odour:**	Pleasant
· **Odour threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Melting point/freezing point:**	Not determined.
· **Initial boiling point and boiling range:**	Not determined.

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· **Flash point:**	71 °C
· **Flammability (solid, gas):**	Not applicable.
· **Auto/Self-ignition temperature:**	Not determined.
· **Decomposition temperature:**	Not determined.
· **Explosive properties:**	Not determined.
· **Explosion limits**	
Lower:	Not determined.
Upper:	Not determined.
· **Oxidising properties**	Non-oxidising.
· **Vapour pressure:**	Not determined.
· **Density:**	
Relative density:	0,915
Vapour density:	Not determined.
Evaporation rate:	Not determined.
· **Solubility in / Miscibility with water:**	Not miscible or difficult to mix.
· **Partition coefficient: n-octanol/water:**	Not determined.
· **Viscosity**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **9.2 Other information**	No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability** Stable under normal temperatures and pressures.
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
· **10.3 Possibility of hazardous reactions**
Combustible liquid.
Reacts with oxidising agents.
Toxic fumes may be released if heated above the decomposition point.
· **10.4 Conditions to avoid** Excessive heat.
· **10.5 Incompatible materials** Oxidisers
· **10.6 Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

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· **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

101-86-0 alpha-Hexylcinnamaldehyde

Oral LD50 3100 mg/kg (rat)

Dermal LD50 3000 mg/kg (rabbit)

120-51-4 Benzyl benzoate

Oral LD50 1700 mg/kg (rat)

Dermal LD50 4000 mg/kg (rabbit)

32210-23-4 4-tert-butylcyclohexyl acetate		
Oral	LD50	5000 mg/kg (rat)

1506-02-1 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)		
Oral	LD50	920 mg/kg (rat)

91-64-5 Coumarin

Oral LD50 293 mg/kg (rat)

Dermal LD50 293 mg/kg (rabbit)

88-41-5 2-tert-butylcyclohexyl acetate		
Oral	LD50	4600 mg/kg (rat)

7493-74-5 allyl phenoxyacetate		
Oral	LD50	835 mg/kg (rat)

· **Primary irritant effect**

· **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

· **Serious eye damage/irritation:**
Causes serious eye irritation.

· **Respiratory or skin sensitisation:**
May cause an allergic skin reaction.

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **Probable routes of exposure:**
Ingestion.
Inhalation.
Eye contact.
Skin contact.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**
Toxic to aquatic life with long lasting effects.

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101-86-0 alpha-Hexylcinnamaldehyde	
LC50	0,621 mg/l (daphnia) (48-hour ECOSAR estimation)

120-51-4 Benzyl benzoate

LC50 2,32 mg/l (zebra fish)

EC50 3,09 mg/l (daphnia)

32210-23-4 4-tert-butylcyclohexyl acetate	
LC50	8,6 mg/l (Cyp)

91-64-5 Coumarin

LC50 2,94 mg/l (pimephales promelas)

EC50 1,452 mg/l (Pseudokirchneriella subcapitata)

30,6 mg/l (daphnia)

· **12.2 Persistence and degradability** No further relevant information available.
· **12.3 Bioaccumulative potential** No further relevant information available.
· **12.4 Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:** Avoid release to the environment.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN-Number**
· **DOT** Not Regulated
· **ADR/RID/ADN, IMDG, IATA** UN3082

· **14.2 UN proper shipping name**
· **DOT** Not Regulated
· **ADR/RID/ADN, IMDG, IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Hexylcinnam aldehyde, 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid))

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· 14.3 Transport hazard class(es)

· **DOT**	
· **Class**	Not Regulated
· **ADR/RID/ADN**	

· **Class**	9 (M6)
· **Label**	9
· **IMDG, IATA**	

· **Class**	9
· **Label**	9
· **14.4 Packing group**	
· **DOT**	Not Regulated
· **ADR/RID/ADN, IMDG, IATA**	III
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	Symbol (fish and tree)
· **14.6 Special precautions for user**	Warning: Miscellaneous dangerous substances and articles.
· **Danger code (Kemler):**	90
· **EMS Number:**	F-A,S-F
· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.
· **Transport/Additional information:**	Not regulated when carried in single or combination packaging containing a net quantity of 5 L or less for liquids or 5 kg or less for solids per the following: ADR: SP 375 IMDG: 2.10.2.7 IATA: special provision A197
· **DOT**	
· **Remarks:**	Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

SECTION 15: Regulatory information

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

· **IARC (International Agency for Research on Cancer)**
None of the ingredients are listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients are listed.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**
None of the ingredients are listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H301 Toxic if swallowed. H302
Harmful if swallowed. H311
Toxic in contact with skin. H315
Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
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.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistant, Bio-accumulable, Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B

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Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
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