SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: YUZUZEST CARV 2009 RL/HR $YUZU2009RH

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: YUZUZEST CARV 2009 RL/HR $YUZU2009RH(Contains:(2-methyl-3-(p-isopropylphenyl) propionaldehyde), DIHYDRO MYRCENOL, hexyl cinnamic aldehyde, limonene)

Other identifiers: None

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: Carvansons Ltd

Company address: Hollins Vale Works
The Hags
Off Hollins Lane
Road opposite Hollins Bush Pub
Hollins Village
Bury BL9 8EU, UK

Contact: Aimi Heywood

E-Mail address: aimi@carvansons.co.uk

Company phone: +44 161 766 3768

1.4 Emergency telephone number

Emergency phone: +44 161 766 3768

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger:

Flammable Liquid, Hazard Category 3
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
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.
H410, Very toxic to aquatic life with long lasting effects.

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Classification under Directive 1999/45/EC

Hazard symbols:
Xn, Harmful.
N, Dangerous for the environment.

Risk phrases:
R10, Flammable.
R38, Irritating to the skin.
R43, May cause sensitisation by skin contact.
R65, Harmful: May cause lung damage if swallowed.
R50/53, Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

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.
H319, Causes serious eye irritation.
H410, Very toxic to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains Bisabolene, Cineols, pinenes, terpinolene, C12H240, HEXYL SALICYLATE, Ligustral, LIXETONE. May produce an allergic reaction.

Precautionary statements:
P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.

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P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:

Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (DSD) 67/548/EEC	Classification for (CLP) 1272/2008
limonene	5989-27-5	227-813-5		47.09%	Xn-N ; R10-R38-R43-R65-R50/53	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
(2-methyl-3-(p-isopropylphenyl) propionaldehyde)	103-95-7	203-161-7		9.18%	Xi-N ; R38-R43-R51/53	SCI 2-SS 1B-EH C3;H315-H317-H412,-
DIHYDRO MYRCENOL	18479-58-8	242-362-4		7.00%	Xi ; R38	EDI 2;H319,-
Tridecyle 2 Nitrile	22629-49-8	245-142-6		5.50%	N ; R50/53	EH A1-EH C1;H410,-
hexyl cinnamic aldehyde	101-86-0	202-983-3		5.00%	Xi-N ; R38-R43-R50/53	SS 1B-EH A1-EH C2;H317-H400-H411,-
JASMACYCLENE (CYCLACET/ CYCLOVERDOL ACETATE)	5413-60-5	226-501-6		4.00%	- ; R52/53	EH C3;H412,-
Methyl Anthranilate	134-20-3	205-132-4		4.00%	Xi ; R36	EDI 2;H319,-
HEXYL SALICYLATE	6259-76-3	228-408-6		3.50%	Xi-N ; R38-R43-R50/53	SCI 2-EDI 2-SS 1-EH A1-EH C1;H315-H317-H319-H410,-
Gamma-Terpinene	99-85-4	202-794-6		2.81%	Xn ; R10-R65	FL 3-AH 1;H226-H304,-
PHENOXANOL (PHENYL HEXANOL)	55066-48-3	259-461-3		1.80%	Xn ; R22-R48/22	ATO 4-STO-RE 2;H302-H373,-
LIXETONE	32388-55-9	251-020-3		1.20%	Xi-N ; R43-R50/53	SS 1B-EH A1-EH C1;H317-H410,-
Myrcene	123-35-3	204-622-5		1.00%	Xn ; R10-R38-R65	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-
pinenes	80-56-8	201-291-9		0.67%	Xn ; R10-R38-R43-R65	FL 3-SCI 2-SS 1B-AH 1; H226-H304-H315-H317,-
terpinolene	586-62-9	209-578-0		0.53%	Xn-N ; R43-R65-R50/53	SS 1B-AH 1-EH A1-EH C1; H304-H317-H410,-

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Ligustral	68039-49-6	268-264-1		0.40%	Xi ; R43-R36/38-R52/53	SCI 2-EDI 2-SS 1B-EH C3; H315-H317-H319-H412,-
C12H240	112-54-9	203-983-6		0.30%	Xi ; R38-R43	SCI 2-EDI 2-SS 1B;H315-H317-H319,-
p-cymene	99-87-6	202-796-7		0.23%	Xn-N ; R10-R65-R51/53	FL 3-AH 1-EH C2;H226-H304-H411,-
ALCOHOL C12	112-53-8	203-982-0		0.20%	Xi-N ; R36-R50	EDI 2-EH A1;H319-H400,-
Cineols	470-82-6	207-431-5		0.15%	Xi ; R10-R43	FL 3-SS 1B;H226-H317,-
Alpha-Terpinene	99-86-5	202-795-1		0.14%	Xn-N ; R10-R22-R65-R51/53	FL 3-ATO 4-AH 1-EH C2; H226-H302-H304-H411,-
Bisabolene	495-62-5	207-805-8		0.10%	Xn ; R38-R43-R65	SCI 2-SS 1B-AH 1;H304-H315-H317,-
Beta-Myrcene	123-35-3	204-622-5		0.07%	Xn ; R10-R38-R65	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-
Beta-Caryophyllene	87-44-5	201-746-1		0.04%	Xn ; R65	AH 1;H304,-

Substances with Community workplace exposure limits, not listed above:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:
Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

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5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise

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exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 40 °C
Vapour pressure:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
9.2 Other information:	None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

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May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: >5000
Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: >5000
Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available
Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
PHENOXANOL (PHENYL HEXANOL)	55066-48-3	259-461-3	1830	3100	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1169
14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es): 3
Sub Risk: -

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14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

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

None additional

15.2 Chemical Safety Assessment

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

Section 16. Other information

Concentration % Limits: EH A1=22.22% EH C1=23.29% EH C2=2.32% EH C3=0.23157696% EH C4=19.92% SCI 2=16.73% EDI 2=68.97% SS 1=2.12% AH 1=18.99%

Total Fractional Values: EH A1=4.50 EH C1=4.29 EH C2=43.13 EH C3=431.82 EH C4=5.02 SCI 2=5.98 EDI 2=1.45 SS 1=47.09 AH 1=5.27

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
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.
H373	May cause damage to organs (organs) through prolonged or repeated exposure (exposure route).
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.

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H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B
STO-RE 2	Specific Target Organ Toxicity (Repeated Exposure) Category 2

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.