

according to Regulation (EC) No 1907/2006 (REACH) as amended

LEA-18 Ocean Surf Creation date 27. May 2016 Revision date 15. February 2018 Version 2.0 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** LEA-18 Ocean Surf Substance / mixture mixture Number IE-10 111 010 002_EN 1.2. Relevant identified uses of the substance or mixture and uses advised against mixture's intended use Air freshener. Disapproved uses of mixture The product should not be used in ways other then those referred in Section 1. 1.3. Details of the supplier of the safety data sheet Kraco Car Care International Ltd. Name or trade name 4 Ambassador Place Address Stockport Road Altrincham, WA15 8DB Phone +44 (0) 161 927 7000 E-mail kcci-orders@kraco.co.uk Web address www.kraco.co.uk

1.4. Emergency telephone number

+44 (0) 161 927 7000 (Monday - Friday 09:00 to 17:00) UK National Emergency Number: 111

SECTION 2: Hazards identification

2.1. Substance or mixture classification Classification of the mixture in accordance with Regulation (EC) No 1272/2008 The mixture is classified as dangerous.

Skin Sens. 1B, H317 Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word Warning

Hazard statements

H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.
Precautionary state	ements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.
P501	Dispose of contents to in accordance with local regulations.



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2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 25265-71-8 EC: 246-770-3 Registration number: 01-2119456811-38	Oxydipropanol	≤25		
CAS: 32210-23-4 EC: 250-954-9	4-tert-Butylcyclohexyl acetate	1-3	Skin Sens. 1B, H317	
CAS: 106-22-9 EC: 203-375-0 Registration number: 01-2119453995-23- xxxx	Citronellol	0,5-1,3	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 18479-58-8 EC: 242-362-4	2,6-dimethyloct-7-en-2-ol	0,4-1,2	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 8000-41-7 EC: 232-268-1 Registration number: 01-2119553062-49- 0000	Terpineol	0,4-1,2	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 60-12-8 EC: 200-456-2	2-phenylethanol	0,4-1	Acute Tox. 4, H302 Eye Irrit. 2, H319	
CAS: 101-86-0 EC: 202-983-3	Hexyl cinnamal	0,4-1	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	
CAS: 140-11-4 EC: 205-399-7	Benzyl acetate	0,3-0,8	Aquatic Chronic 3, H412	
CAS: 2500-83-6 EC: 219-700-4	3a,4,5,6,7,7a-Hexahydro-4.7-methanoinden -5(6)-yl acetate	0,2-0,5	Aquatic Chronic 3, H412	
CAS: 101-84-8 EC: 202-981-2 Registration number: 01-2119472545-33- xxxx	Diphenyl ether	0,1-0,4	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
CAS: 80-54-6 EC: 201-289-8 Registration number: 01-2119907954-30- xxxx	2-(4-tert-butylbenzyl)propionaldehyde	0,1-0,4	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411	
CAS: 112-54-9 EC: 203-983-6	Dodecanal	0,1-0,4	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	
CAS: 127-51-5 EC: 204-846-3	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1 -yl)-3-buten-2-one	0,1-0,3	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.				
CAS: 110-41-8 EC: 203-765-0	2-methylundekanal	<0,2	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410					
CAS: 112-45-8 EC: 203-973-1	10-undecenal	<0,2	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319					
CAS: 91-64-5 EC: 202-086-7 Registration number: 01-2119943756-26- 0000	Coumarin	<0,2	Acute Tox. 4, H302 Skin Sens. 1B, H317 STOT RE 2, H373					
CAS: 2705-87-5 EC: 220-292-5	allyl 3-cyclohexylpropionate	<0,2	Acute Tox. 4, H302, H312, H332 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410					
CAS: 28219-61-6 EC: 248-908-8 Registration number: 01-2119529224-45	2-ethyl-4-(2,2,3-trimethyl-3-cyklopenten-1- yl)-2-buten-1-ol	<0,2	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410					
CAS: 2437-25-4 EC: 219-440-1	Dodecanenitrile	<0,2	Skin Irrit. 2, H315 Aquatic Acute 1, H400 Aquatic Chronic 1, H410					
CAS: 68039-49-6 EC: 268-264-1	2,4-dimethylcyclohex-3-ene-1-carbaldehyde	<0,1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412					
CAS: 128-37-0 EC: 204-881-4 Registration number: 01-2119480433-40- xxxx	2,6-di-tert-butyl-p-cresol	<0,1	Aquatic Acute 1, H400, M=1 Aquatic Chronic 1, H410, M=1					
CAS: 57378-68-4 EC: 260-709-8	1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2- buten-1-one	<0,1	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410					
CAS: 80-56-8 EC: 201-291-9	alpha-Pinene	<0,1	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317					

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

Inhalation

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

Skin contact

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.



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Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

Ingestion

Rinse out the mouth with clean water. In the event of issues, find medical help.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation Not expected. Skin contact May cause an allergic skin reaction. Eye contact Not expected. Ingestion Irritation, nausea.

4.3. Indication of any immediate medical attention and special treatment needed Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Storage class 13 - Other non-combustible solids 7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

none



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8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

 Eye/face protection

 It is not needed.

 Skin protection

 Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

 Respiratory protection

 It is not needed.

 Thermal hazard

 Not available.

 Environmental exposure controls

 Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
Physical state	solid at 20°C
color	Blue
Odour	Characteristic
Odour threshold	data not available
рН	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	data not available
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	data not available
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	data not available
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	data not available
Other information	
Density	data not available
ignition temperature	data not available

SECTION 10: Stability and reactivity

10.1. Reactivity

9.2.

- not available **10.2. Chemical stability** The product is stable under normal conditions.
- **10.3.** Possibility of hazardous reactions Unknown.



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10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

2-methylundekanal

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	>5000 mg/kg		Rat	
Dermal	LD50	>10000 mg/kg		Rabbit	

2-phenylethanol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD 50	1790 mg/kg		Rat	
Dermal	LD 50	2535 mg/kg		Rabbit	

Citronellol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	3450 mg/kg		Rat	
Dermal	LD 50	2650 mg/kg		Rabbit	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

2-phenylethanol

Route of exposure	Result	Time of exposure	Species
Skin	Slightly irritating		Guinea-pig

Citronellol

Route of exposure	Result	Time of exposure	Species
Dermal	Irritating	48 hour	Human

Serious eye damage/irritation

Based on available data the classification criteria are not met.

2-phenylethanol

Route of exposure	Result	Time of exposure	Species
Eye	Slightly irritating		Rabbit



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Respiratory or skin sensitisation

May cause an allergic skin reaction.

Citronellol

Route of exposure	Result	Time of exposure	Species	Sex
	Sensitizing		Mouse	

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.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - 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

Acute toxicity

Harmful to aquatic life with long lasting effects.

Citronellol

Parameter	Value	Time of exposure	Species	Environment
LC50	10.0-22 mg/l	96 hour	Fishes (Leuciscus idus)	
EC₅o	17 mg/l	48 hour	Daphnia (Daphnia magna)	
EC50	2.4 mg/l	72 hour	Algae (Selenastrum capricornutum)	

12.2. Persistence and degradability Data not available.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations



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13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Decree No. 383/2001 Coll., on details regarding waste handling as amended. Decree No. 93/2016 Coll., (waste catalogue) as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

- 15 01 01 paper and cardboard packaging
- 15 01 02 plastic packaging

SECTION 14: Transport information

- 14.1. UN number
- Not subject to ADR. 14.2. UN proper shipping name
- not available **14.3. Transport hazard class(es)** not available
- 14.4. Packing group not available
- 14.5. Environmental hazards
- **14.6.** Special precautions for user Reference in Sections 4 to 8.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code not available

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act).

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet				
H226	Flammable liquid and vapour.			
H302	Harmful if swallowed.			
H304	May be fatal if swallowed and enters airways.			
H312	Harmful in contact with skin.			
H315	Causes skin irritation.			
H317	May cause an allergic skin reaction.			
H319	Causes serious eye irritation.			
H332	Harmful if inhaled.			



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H361	Suspected of damaging fertili	ty or the unborn child.			
H373	May cause damage to organs	•	epeated exposure.		
H400	Very toxic to aquatic life.				
H410	Very toxic to aquatic life with	long lasting effects.			
H411	Toxic to aquatic life with long	Toxic to aquatic life with long lasting effects.			
H412		Harmful to aquatic life with long lasting effects.			
Guidelines for s	safe handling used in the safety	data sheet			
P101	If medical advice is needed, l		or label at hand.		
P102	Keep out of reach of children				
P301+P310	IF SWALLOWED: Immediatel	y call a POISON CENTER	/doctor.		
P302+P352	IF ON SKIN: Wash with plent	y of water.			
P501	Dispose of contents to in acco	ordance with local regula	ations.		
	t information about human hea				
	t not be - unless specifically appro The user is responsible for adhere		er/importer - used for purposes other the protection regulations.		
Key to abbrevia	ations and acronyms used in the	e safety data sheet			
ADR		ing the international car	riage of dangerous goods by road		
BCF	Bioconcentration Factor				
CAS	Chemical Abstracts Service				
CLP	Regulation (EC) No 1272/200 mixtures	8 on classification, label	ling and packaging of substance and		
DNEL	Derived no-effect level				
EC	Identification code for each s	ubstance listed in EINEC	S		
EC50	Concentration of a substance				
EINECS	European Inventory of Existin	ng Commercial Chemical	Substances		
EmS	Emergency plan				
EU	European Union				
IATA	International Air Transport As				
IBC	International Code For The C Chemicals	onstruction And Equipme	ent of Ships Carrying Dangerous		
IC50	Concentration causing 50% b	lockade			
ICAO	International Civil Aviation O	rganization			
IMDG	International Maritime Dange	rous Goods			
INCI	International Nomenclature of	f Cosmetic Ingredients			
ISO	International Organization fo				
IUPAC	International Union of Pure a				
LC50	population		e expected death of 50% of the		
LD 5 0	Lethal dose of a substance in	which it can be expecte	d death of 50% of the population		
LOAEC	Lowest observed adverse effe	ect concentration			
LOAEL	Lowest observed adverse effe	ect level			
log Kow	Octanol-water partition coeffi				
MARPOL	International Convention for		on From Ships		
NOAEC	No observed adverse effect c				
NOAEL	No observed adverse effect le	evel			
NOEC	No observed effect concentra	tion			
NOEL	No observed effect level				
OEL	Occupational Exposure Limits				
PBT	Persistent, Bioaccumulative a				
PNEC	Predicted no-effect concentra	tion			
ppm	Parts per million				
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals				
RID	Agreement on the transport of dangerous goods by rail				
UN	Four-figure identification num Regulations	ber of the substance or	article taken from the UN Model		



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UVCB	Substances of unknown or v materials	ariable composition, comp	blex reaction products or biological	
VOC	Volatile organic compounds			
vPvB	Very Persistent and very Bic	Very Persistent and very Bioaccumulative		
Acute Tox.	Acute toxicity			
Aquatic Acute	Hazardous to the aquatic environment			
Aquatic Chronic	Hazardous to the aquatic en	Hazardous to the aquatic environment		
Asp. Tox.	Aspiration hazard			
Eye Irrit.	Eye irritation			
Flam. Liq.	Flammable liquid			
Repr.	Reproductive toxicity			
Skin Irrit.	Skin irritation			
Skin Sens.	Skin sensitization			
STOT RE	Specific target organ toxicity	 repeated exposure 		

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 2.0 replaces the SDS version from 27.05.2016. Changes were made in sections 2, 13, 15 and 16.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.