

302539

LYRAL

15.10.2014

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

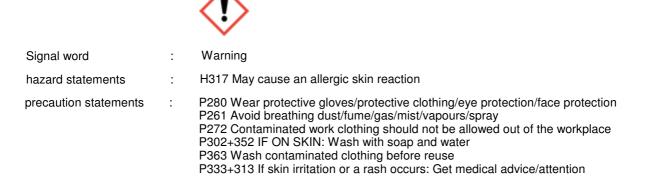
Product Name	: LYRAL	AOL Material Code :	302539
Use of substance/mixture	:		
Company	: Augustus Oils Ltd Augustus House Mill Lane Alton Hampshire GU34 2QG UK		
email address telephone emergency telephone	: essentials@augustus-oils.ltd.uk : +44 1420 590555 : +44 1420 590555		
2. Hazard identification			

GHS Classification

Skin sensitization 1

GHS Labelling

Symbol



Classification according toEU Directives 67/548/EEC or 1999/45/EC

:

Classified as: IRRITANT Symbol: Xi

R-phrases: R43: May cause sensitisation by skin contact

S-phrases: S24: Avoid contact with the skin S37: Wear suitable gloves

3. Composition/information on ingredients

IUPAC name : 4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde

Augustus Oils Ltd

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Characterisation	:	Aldehyde alcohols
Molecular formula	:	C13 H22 O2
Molecular weight	:	210.31
CAS no	:	31906-04-4
EINECS no	:	250-863-4
FEMA	:	

Substances within the mixture

This pr	oduct contains:		EINECS	CAS
>95%	4-(4-Hydroxy-4-methylpentyl)-3- cyclohexene-1-carboxaldehyde	R 43:	250-863-4	31906-04-4
	Sen1	H 317		

For full text of R and H phrases see section 16

4. First aid measures

Inhalation	:	In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.
Skin contact	:	Avoid prolonged contact with skin - wash off with soap and water. If persistant irritation is observed seek medical advice.
Eye contact	:	Rinse the eyes immediately with plenty of water for at least ten minutes. If any sign of tissue damage or persistant irritation is apparent, obtain medical advice immediately.
Ingestion	:	Rinse mouth with water. Obtain medical advice immediately.

5. Fire-fighting measures

Extinguishing media	:	Carbon dioxide, foam, dry chemical Do not use a direct water jet.
Special hazards	:	CO/CO2, Smoke
Advice for firefighters	:	Avoid inhalation of smoke and fumes. In case of insufficient ventilation wear suitable respiratory equipment.

6. Accidental release measures

Personal precautions :	Gloves and eye protection should be worn when handling spillages. Avoid skin/eye contact and inhalation of vapour. Good personal washing routines should be followed after accidental release. Ensure adequate ventilation in working areas following accidental release.
Environmental precautions:	Do not allow discharge into drains, soil or any aquatic environment.
Methods for cleaning up :	Absorb spillages on porous inert material such as earth, sand or vermiculite and dispose of in accordance with local regulations.
	Large spillages should be contained by the use of sand or another inert material, transferred to a suitable container and recovered or disposed of in accordance with local regulations.
See also sections 8 and 13	

7. Handling and storage

Precautions for safe handling:	 Handle in accordance with good occupational hygene and safety practices in a well ventilated area. Avoid direct contact with skin and eyes. Depending on working conditions, this may include wearing of eye protection and protective clothing such as PVC gloves and suitable overalls. Wash hands after use Remove protective equipment and contaminated clothing before entering eating areas Avoid breathing vapours especially if the material is hot.
Conditions for safe storage:	Store in full, dry, airtight containers away from sources of heat and light. Do not re-use the empty container.
Uses and applications :	Fragrances

8. Exposure controls/personal protection

Exposure parameters	:	No specific exposure limits found
Respiratory Protection	:	Where ventilation may be inadequate, wear self-contained breathing apparatus.
Hand protection	:	Wear impervious gloves.
Skin protection	:	Wear protective clothing.
Eye protection	:	Wear eye protection e.g. Safety glasses/goggles
Engineering measures	:	None found

9. Physical and chemical properties

Appearance Odour Odour threshold pH Melting point Initial boiling point Boiling Range Flash point Evaporation rate Flammability Upper flammable limit Lower flammable limit Lower flammable limit Upper explosive limit Lower explosive limit Vapour pressure Vapour Density Relative Density Solubility Partition coefficient n-octanol/water Autoignition temperature Decomposition temperature Viscosity Explosive properties	Data not available Data not available Data not available
Explosive properties Oxidising properties	Data not available Data not available

10. Stability and reactivity

Stability:	Stable at ambient temperatures	
Incompatible Materials:	Avoid oxidising agents	
Conditions to avoid:	None known	
Hazardous Decomposion Products: No data available		

11. Toxocological information

Acute toxicity	LDSO Oral Rat > 5.000 mg/kg LD50 Dermal Rabbit > 5.000 mg/kg
Skin corrosion/irritation	Data not available
Respiratory or skin sensitization	May cause sensitisation by skin contact
Serious eye damage/irritation	Data not available
Germ cell mutagenicity	Data not available
Carcinogencity	Data not available
Reproductive toxicity	Data not available
STOT single exposure	Data not available
STOT repeat exposure	Data not available
Aspiration hazard	Data not available

12. Ecological information

Toxicity data	Toxicity to fish: LC50(96 h,) = 11.8 mg/l Toxicity to algae EC50(72 h,) = 13.8 mg/l Toxicity to daphnia EC50(48 h,) = 76 mg/l
Persistence and degradability data	Not readily biodegradable. (41,2 %)
Bioaccumulative potential	Data not available

13. Disposal considerations

No special methods are necessary, but disposal should be in accordance with local regulations.

14. Transport information

Not restricted for transport purposes

15. Regulatory information

This datasheet has been compiled in accordance with 'COMMISSION REGULATION (EU) No 453/2010, Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)'

16. Other information

Changes since the last update

All sections changed due to CLP regulation

Section 3 R and H phrases in full

- R 43 May cause sensitization by skin contact
- H 317 May cause an allergic skin reaction

Sen1 Skin sensitization1

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