

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.10.2020

Version number 128.1

Revision: 21.10.2020

Hazardous according to criteria of Australian Safety and Compensation Council

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

- **1.1 Product identifier**
- **Trade name: CARLACK Odor Remover**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Odour binder
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Max Lehner AG
Stallikonerstr. 71
CH-8903 Birmensdorf (ZH)
Tel.: +41/44 737 30 75 Fax: +41/44 737 03 20
Imported by:
Carlack Products Australia
P.O. Box 44
Penshurst NSW
Australia 2222
Within Australia - 0410 992 535
International - + 61 4 1099 2535
Email: carlack@carlackproducts.com.au
- **Information department:** Product safety department.
- **1.4 Emergency telephone number:**
Poisons Information - Australia
13 11 26 (24 hours)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **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** GHS02, GHS07
- **Signal word** Danger

- **Hazard-determining components of labelling:**

(R)-p-mentha-1,8-diene

- **Hazard statements**

H225 Highly flammable liquid and vapour.

H317 May cause an allergic skin reaction.

- **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.10.2020

Version number 128.1

Revision: 21.10.2020

Trade name: CARLACK Odor Remover

(Contd. of page 1)

- P280 Wear protective gloves.
 P240 Ground/bond container and receiving equipment.
 P233 Keep container tightly closed.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment** Not applicable.
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6	ethanol ⚠ Flam. Liq. 2, H225
CAS: 57-55-6 EINECS: 200-338-0	propane-1,2-diol
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317

- **Additional information** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Immediately remove any clothing soiled by the product.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Generally the product does not irritate the skin.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
 Dizziness
 Unconsciousness
- **4.3 Indication of any immediate medical attention and special treatment needed**
 If swallowed, gastric irrigation with added, activated carbon.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
 CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information** Cool endangered receptacles with water spray.

— AU —

(Contd. on page 3)

Safety data sheet
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Printing date 21.10.2020

Version number 128.1

Revision: 21.10.2020

Trade name: CARLACK Odor Remover

(Contd. of page 2)

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures



Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

· 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.

· Information about protection against explosions and fires:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:**

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· 8.1 Control parameters

· **Components with limit values that require monitoring at the workplace:**

64-17-5 ethanol

NES (Australia) Long-term value: 1880 mg/m³, 1000 ppm

PEL (USA) Long-term value: 1900 mg/m³, 1000 ppm

REL (USA) Long-term value: 1900 mg/m³, 1000 ppm

TLV (USA) Short-term value: 1880 mg/m³, 1000 ppm

57-55-6 propane-1,2-diol

NES (Australia) Long-term value: 474* 10** mg/m³, 150* ppm
*vapour&particulates; **particulates only

WEEL (USA) Long-term value: 10 mg/m³

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.010.2020

Version number 128.1

Revision: 21.10.2020

Trade name: CARLACK Odor Remover

(Contd. of page 3)

- **Additional information:** The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
Protective gloves and protective skin cream.
Only use chemical-protective gloves with CE-labelling of category III.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
Rubber gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
The determined penetration times according to EN 374 part III are not performed under practical conditions.
Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- **Not suitable are gloves made of the following materials:** PVA gloves
- **Eye protection:** Tightly sealed goggles.

SECTION 9: Physical and chemical properties

- | | |
|--|---|
| · 9.1 Information on basic physical and chemical properties | |
| · General Information | |
| · Appearance: | |
| Form: | Fluid |
| Colour: | Colourless |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| pH-value at 20 °C (68 °F): | 7 |
| · Change in condition | |
| Melting point/Melting range: | <0 °C (<32 °F) |
| Boiling point/Boiling range: | 78 °C (172 °F) |
| Flash point: | 13 °C (55 °F) |
| Flammability (solid, gaseous) | Not applicable. |
| Ignition temperature: | 425 °C (797 °F) |
| Decomposition temperature: | Not determined. |
| Self igniting: | Not determined. |
| Danger of explosion: | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · Explosion limits: | |
| Lower: | 3.5 Vol % |
| Upper: | 15.0 Vol % |
| Vapour pressure at 20 °C (68 °F): | 59 hPa (44 mm Hg) |
| Density at 20 °C (68 °F): | 0.903 g/cm ³ (7.536 lbs/gal) |
| Relative density | Not determined. |
| Vapour density | Not determined. |

(Contd. on page 5)

—AU—

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.10.2020

Version number 128

Revision: 21.10.2020

Trade name: CARLACK Odor Remover

(Contd. of page 4)

· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Fully miscible
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Organic solvents:	56.7 %
VOC (EC)	493.0 g/l
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effects known.
- **Additional toxicological information:**
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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:**
The product does not contain organically bounded halogens (AOX-free).
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

— AU —

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.10.2020

Version number 128.1

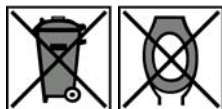
Revision: 21.10.2020

Trade name: CARLACK Odor Remover

(Contd. of page 5)

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01 00	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 04*	other organic solvents, washing liquids and mother liquors

- Uncleaned packagings:
- Recommendation: Packaging can be reused or recycled after cleaning.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION 14: Transport information

- 14.1 UN-Number
- ADG, IMDG, IATA

UN1170

· 14.2 UN proper shipping name

- ADG
- IMDG
- IATA

1170 ETHANOL (ETHYL ALCOHOL)
ETHANOL (ETHYL ALCOHOL)
ETHANOL

· 14.3 Transport hazard class(es)

- ADG



- Class 3 (F1) Flammable liquids.
- Label 3

· IMDG, IATA



- Class 3 Flammable liquids.
- Label 3

· 14.4 Packing group

- ADG, IMDG, IATA

II

· 14.5 Environmental hazards:

- Marine pollutant:

No

· 14.6 Special precautions for user

- Danger code (Kemler):
- EMS Number:

Warning: Flammable liquids.
33
F-E,S-D

· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.10.2020

Version number 128.1

Revision: 21.10.2020

Trade name: CARLACK Odor Remover

(Contd. of page 6)

· Transport/Additional information:	
· ADG	
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN1170, ETHANOL (ETHYL ALCOHOL), 3, II

SECTION 15: Regulatory information

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

· Australian Inventory of Chemical Substances	
64-17-5	ethanol
57-55-6	propane-1,2-diol
1338-43-8	Sorbitan-mono-oleat
5989-27-5	(R)-p-mentha-1,8-diene
106-22-9	Citronellol
31906-04-4	Hydroxy-methylpentylcyclohexenecarboxaldehyde
127-91-3	β-Pinen
80-56-8	pin-2(3)-ene
79-92-5	camphene
7732-18-5	water, distilled, conductivity or of similar purity
· Standard for the Uniform Scheduling of Medicines and Poisons	
None of the ingredients is listed.	

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

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** GHS02, GHS07

· **Signal word** Danger

· **Hazard-determining components of labelling:**

(R)-p-mentha-1,8-diene

· **Hazard statements**

H225 Highly flammable liquid and vapour.

H317 May cause an allergic skin reaction.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P280 Wear protective gloves.

P240 Ground/bond container and receiving equipment.

P233 Keep container tightly closed.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P272 Contaminated work clothing should not be allowed out of the workplace.

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

P302+P352 IF ON SKIN: Wash with plenty of water.

P403+P235 Store in a well-ventilated place. Keep cool.

(Contd. on page 8)

Safety data sheet
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Trade name: CARLACK Odor Remover

(Contd. of page 7)

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Technical instructions (air):**

Class	Share in %
NK	50-100

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **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.

· **Text of risk phrases associated with ingredients in section 3**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· **Department issuing MSDS:** Environment protection department.

· **Contact:** Chem. Laboratorium

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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)

VOC: Volatile Organic Compounds (USA, EU)

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

· *** Data compared to the previous version altered.**

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Reviewed 09/11/2020 in accordance with Safe Work Australia Preparation of safety data sheets for hazardous chemicals Code of Practice July 2020 section 2.4. All information contained remains the same as previous version 9/10/2014. Valid 21/10/2025.