

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

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

· **1.1 Product identifier**

· **Trade name:** WAKOL L 1806 Adhesion Promoter

· **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**

Solvents

Priming

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

WAKOL GmbH
Bottenbacher Str. 30
D-66954 Pirmasens
info@wakol.com
+49 6331 8001 0

· **Informing department:**

Product safety department.
msds@wakol.de

· **1.4 Emergency telephone number:**

Emergency CONTACT (24-Hour-Number):
GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

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



flame

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



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

· **2.2 Label elements**

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

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

· **Hazard pictograms**



GHS02 GHS07

· **Signal word** Danger

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

ethyl acetate
propan-2-ol

(Contd. on page 2)

GB

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 1)

· **Hazard statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

· **Precautionary statements**

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

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves / eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

· **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains dibutyltin dilaurate. May produce an allergic reaction.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

| | | |
|---------------------------|--|-----------|
| CAS: 141-78-6 | ethyl acetate | >50–≤100% |
| EINECS: 205-500-4 | ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336, | |
| Reg.nr.: 01-2119475103-46 | EUH066 | |

| | | |
|---------------------------|---|----------|
| CAS: 67-63-0 | propan-2-ol | >2.5–≤5% |
| EINECS: 200-661-7 | ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 | |
| Reg.nr.: 01-2119457558-25 | | |

| | | |
|---------------------------|--|----------|
| CAS: 1330-20-7 | xylene, mixed isomers, pure | >2.5–≤5% |
| EINECS: 215-535-7 | ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; | |
| Reg.nr.: 01-2119488216-32 | ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; | |
| | Eye Irrit. 2, H319; STOT SE 3, H335 | |
| | Specific concentration limit: STOT RE 2; H373: C ≥ 10 % | |

| | | |
|-------------------|---|-----------|
| CAS: 100-41-4 | ethylbenzene | >0.25–≤1% |
| EINECS: 202-849-4 | ⚠ Flam. Liq. 2, H225; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; | |
| | ⚠ Acute Tox. 4, H332 | |

| | | |
|---------------------------|---|-----------|
| CAS: 67-56-1 | methanol | >0.25–≤1% |
| EINECS: 200-659-6 | ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 3, H301; Acute Tox. 3, | |
| Reg.nr.: 01-2119433307-44 | H311; Acute Tox. 3, H331; ⚠ STOT SE 1, H370 | |
| | Specific concentration limits: STOT SE 1; H370: C ≥ 10 % | |
| | STOT SE 2; H371: 3 % ≤ C < 10 % | |

| | | |
|-------------------|--|-------------|
| CAS: 77-58-7 | dibutyltin dilaurate | >0.1–<0.25% |
| EINECS: 201-039-8 | ⚠ Muta. 2, H341; Repr. 1A, H360FD; STOT SE 1, H370; STOT | |
| | RE 1, H372; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; | |
| | ⚠ Aquatic Chronic 1, H410; ⚠ Skin Sens. 1, H317 | |

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 2)

· **Additional information** For the wording of the listed hazard phrases 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 possible, also wash with polyethylene glycol 400.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
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.
- **Additional information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Prevent seepage into sewage system, workpits and cellars.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **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.

GB

(Contd. on page 4)

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 3)

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **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 containers:** 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

- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**

141-78-6 ethyl acetate

WEL Short-term value: 1468 mg/m³, 400 ppm
Long-term value: 734 mg/m³, 200 ppm

67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m³, 500 ppm
Long-term value: 999 mg/m³, 400 ppm

1330-20-7 xylene, mixed isomers, pure

WEL Short-term value: 441 mg/m³, 100 ppm
Long-term value: 220 mg/m³, 50 ppm
Sk; BMGV

100-41-4 ethylbenzene

WEL Short-term value: 552 mg/m³, 125 ppm
Long-term value: 441 mg/m³, 100 ppm
Sk

67-56-1 methanol

WEL Short-term value: 333 mg/m³, 250 ppm
Long-term value: 266 mg/m³, 200 ppm
Sk

- **DNELs**

141-78-6 ethyl acetate

Oral DNEL 4.5 mg/kg/day (consumer (long-term))

Dermal DNEL 37 mg/kg/day (consumer (long-term))

(Contd. on page 5)

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 4)

63 mg/kg/day (workwr (long-term))

Inhalative DNEL 734 mg/m³ (consumer (short-term))367 mg/m³ (conmsumer (long-term))1,468 mg/m³ (workers (short-term))734 mg/m³ (workwr (long-term))**67-63-0 propan-2-ol**

Oral DNEL 26 mg/kg/day (conmsumer (long-term))

Dermal DNEL 319 mg/kg/day (conmsumer (long-term))

888 mg/kg/day (workwr (long-term))

Inhalative DNEL 89 mg/m³ (conmsumer (long-term))500 mg/m³ (workwr (long-term))**1330-20-7 xylene, mixed isomers, pure**

Oral DNEL 1.6 mg/kg/day (conmsumer (long-term))

Dermal DNEL 108 mg/kg/day (conmsumer (long-term))

180 mg/kg/day (workwr (long-term))

Inhalative DNEL 174 mg/m³ (consumer (short-term))14.8 mg/m³ (conmsumer (long-term))289 mg/m³ (workers (short-term))77 mg/m³ (workwr (long-term))**67-56-1 methanol**

Dermal DNEL 8 mg/kg/day (general population (short-term))

8 mg/kg/day (general population (long-term))

40 mg/kg/day (workers (short-term))

40 mg/kg/day (workwr (long-term))

Inhalative DNEL 50 mg/m³ (general population (short-term))50 mg/m³ (general population (long-term))260 mg/m³ (workers (short-term))**PNECs****141-78-6 ethyl acetate**

PNEC 0.24 mg/l (freshwater)

0.024 mg/l (sea water)

0.115 mg/l (sediment (sea water))

1.15 mg/l (sediment (freshwater))

650 mg/l (purification plant)

1.65 mg/l (water)

PNEC 0.148 mg/kg (soil)

67-63-0 propan-2-ol

PNEC 140.9 mg/l (freshwater)

140.9 mg/l (sea water)

140.9 mg/l (water - partially release)

(Contd. on page 6)

GB

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 5)

552 mg/l (sediment (sea water))

552 mg/l (sediment (freshwater))

2,251 mg/l (purification plant)

PNEC 28 mg/kg (soil)

1330-20-7 xylene, mixed isomers, pure

PNEC 0.327 mg/l (sea water)

0.327 mg/l (sediment (freshwater))

6.58 mg/l (STP)

PNEC 2.31 mg/kg (soil)

12.46 mg/kg (sediment (sea water))

12.46 mg/kg (sediment (freshwater))

67-56-1 methanol

PNEC 154 mg/l (freshwater)

15.4 mg/l (sea water)

23.5 mg/l (soil)

100 mg/l (purification plant)

· Ingredients with biological limit values:

1330-20-7 xylene, mixed isomers, pure

BMGV 650 mmol/mol creatinine

Medium: urine

Sampling time: post shift

Parameter: methyl hippuric acid

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Appropriate engineering controls No further data; see section 7.

· Individual protection measures, such as personal protective equipment

· 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.

Store protective clothing separately.

Avoid contact with the eyes and skin.

· Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

If the occupational exposure limit is exceeded.

· Recommended filter device for short term use: Combination filter A-P2

· Hand protection



Protective gloves

Preventive skin protection by use of skin-protecting agents is recommended.

· Material of gloves

Butyl rubber, BR

(Contd. on page 7)

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 6)

Recommended thickness of the material: ≥ 0.5 mm

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.

· **Eye/face protection**



Tightly sealed goggles

· **Body protection: Protective work clothing**

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Physical state**

Fluid

· **Colour:**

Colourless

· **Smell:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

77 °C

· **Flammability**

Highly flammable.

· **Lower and upper explosion limit**

· **Lower:**

1 Vol %

· **Upper:**

7 Vol %

· **Flash point:**

-4 °C

· **Auto-ignition temperature:**

425 °C

· **Decomposition temperature:**

Not determined.

· **pH**

Not determined.

· **Viscosity:**

· **Kinematic viscosity**

Not determined.

· **kinematic (calculated) at 40°C:**

· **dynamic:**

Not determined.

· **Solubility**

· **Water:**

Not miscible or difficult to mix.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Steam pressure at 20 °C:**

100 hPa

· **Density and/or relative density**

· **Density at 20 °C**

0.98 g/cm³ (EN ISO 2811-1)

· **Relative density**

Not determined.

· **Vapour density**

Not determined.

· **9.2 Other information**

· **Appearance:**

· **Form:**

Liquid

(Contd. on page 8)

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 7)

- **Important information on protection of health and environment, and on safety.**
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- **Organic solvents:** 64.35 %
- **VOC** 64.35 %
- **Solids content:** 35.65 % (DIN EN 827.8.2)
- **Change in condition**
- **Evaporation rate** Not determined.
- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Highly flammable liquid and vapour.
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Forms explosive gas mixture with air.
- **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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**

141-78-6 ethyl acetate

Oral LD50 5,620 mg/kg (rat)
Dermal LD50 >20,000 mg/kg (rabbit)

(Contd. on page 9)

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 8)

Inhalative LC50/8h 58 mg/l (rat)

67-63-0 propan-2-ol

Oral LD50 5,840 mg/kg (rat)

Dermal LD50 13,400 mg/kg (rabbit)

Inhalative LC50/4h 30 mg/l (rat)

1330-20-7 xylene, mixed isomers, pure

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 3,200 mg/kg (rabbit)

Inhalative LC50/4h 11 mg/l (rat)

100-41-4 ethylbenzene

Oral LD50 3,500 mg/kg (rat)

Dermal LD50 15,354 mg/kg (rbt)

Inhalative LC50/4h 17.2 mg/l (rat)

67-56-1 methanol

Oral LD50 5,628 mg/kg (rat)

Dermal LD50 15,800 mg/kg (rabbit)

Inhalative LC50/4h 131 mg/l (rat)

77-58-7 dibutyltin dilaurate

Oral LD50 2,071 mg/kg (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**

1330-20-7 xylene, mixed isomers, pure

Sensitisation Hautsensibilisierung (rabbit)

- **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**
May cause drowsiness or dizziness.
- **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.

11.2 Information on other hazards

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**

141-78-6 ethyl acetate

LC50/96h 230 mg/l (Pimephales promelas)

LC50/48h 333 mg/l (Leuciscus idus)

(Contd. on page 10)

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 9)

EC10/18h 2,900 mg/l (*Pseudomonas putida*)
EC50/48h 3,300 mg/l (*Scenedesmus subspicatus*)
717 mg/l (*Daphnia magna*)

67-63-0 propan-2-ol

LC50/96h >9,600 mg/l (*Brachydanio rerio*)
LC50/72h >1,000 mg/l (algas)
EC50 >1,050 mg/l (bacteriums)
EC50/72h >1,000 mg/l (algas)

1330-20-7 xylene, mixed isomers, pure

LC50/96h 26.7 mg/l (*Pimephales promelas*)
16.9 mg/l (*Carassius auratus*)
20.9 mg/l (*Leuciscus macrochirus*)
34.7 mg/l (*Poecilia reticulata*)
EC50/48h 1 mg/l (*Daphnia magna*)
IC50/72h 2.2 mg/l (algas)

100-41-4 ethylbenzene

LC50/96h 12.1 mg/l (*Pimephales promelas*)
EC5/16h 12 mg/l (*Pseudomonas putida*)
EC50/48h 2.1 mg/l (*Daphnia magna*)
EC50/72h 4.6 mg/l (*Selenastrum capricornutum*)

67-56-1 methanol

LC50/96h 15,400 mg/l (*Lepomis macrochirus*)
EC5/16h 6,600 mg/l (*Pseudomonas putida*)
EC5/72h >10,000 mg/l (*Entosiphon sulcatum*)
IC5/8d 8,000 mg/l (*Scenedesmus quadricauda*)

77-58-7 dibutyltin dilaurate

EC50 1 mg/l (*Scenedesmus subspicatus*)
0.463 mg/l (*Daphnia magna*)
3.1 mg/l (*Brachydanio rerio*)

· **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.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

(Contd. on page 11)

GB

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

Danger to drinking water if even small quantities leak into the ground.

(Contd. of page 10)

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Must be specially treated adhering to official regulations.

· **Uncleaned packagings:**

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

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1866

· **14.2 UN proper shipping name**

· **ADR**

1866 RESIN SOLUTION, special provision 640D

· **IMDG, IATA**

RESIN SOLUTION

· **14.3 Transport hazard class(es)**

· **ADR, IMDG, IATA**



· **Class**

3 Flammable liquids.

· **Label**

3

· **14.4 Packing group**

· **ADR, IMDG, IATA**

II

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Warning: Flammable liquids.

· **Kemler Number:**

33

· **EMS Number:**

F-E,S-E

· **Stowage Category**

B

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· **Transport category**

2

· **Tunnel restriction code**

D/E

· **IMDG**

· **Limited quantities (LQ)**

5L

(Contd. on page 12)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 11)

· **Exempted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· **UN "Model Regulation":**

UN 1866 RESIN SOLUTION, 3, II

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Directive 2012/18/EU**· **Named dangerous substances - ANNEX I** None of the ingredients is listed.· **Seveso category** P5c FLAMMABLE LIQUIDS· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t· **National regulations**· **VOC (EU)** 630.6 g/l· **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**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

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.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H341 Suspected of causing genetic defects.

H360FD May damage fertility. May damage the unborn child.

H370 Causes damage to organs.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

(Contd. on page 13)

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

Printing date 14.06.2023

Version number 12 (replaces version 11)

Revision: 14.06.2023

Trade name: WAKOL L 1806 Adhesion Promoter

(Contd. of page 12)

ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
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
Muta. 2: Germ cell mutagenicity – Category 2
Repr. 1A: Reproductive toxicity – Category 1A
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

GB