



RAVENOL Teerentferner



RAVENOL Teerentferner entfernt mühelos Teer- und Oelflecken von Lack, Kunststoff- und Chromteilen.

ART.-NR. 1360004

5 L | 1360004-005
30 L | 1360004-030
500 ml | 1360004-500

Anwendungshinweis

Gezielt aufsprühen. Die behandelten Stellen mit weichem, saugfähigem Tuch reinigen. Vorsicht bei frischen Lacken.

Eigenschaften

Enthält über 30% aliphatische Kohlenwasserstoffe.

Gesundheitsschädlich: Kann beim Verschlucken Lungenschäden verursachen. Darf nicht in die Hände von Kindern gelangen. Vor Nahrungsmitteln, Getränken und Futtermitteln fernhalten. Gas/Rauch/Dampf/Aerosol nicht einatmen. Berührungen mit der Haut vermeiden. Nicht großflächig für Wohn- u. Aufenthaltsräume zu verwenden. Beim Verschlucken kein Erbrechen herbeiführen. Sofort ärztl. Rat einholen u. Verpackung oder Etikett vorzeigen.

| Eigenschaften | Einheit | Daten | Prüfung nach |
|---------------|---------|-------|--------------|
|---------------|---------|-------|--------------|

Alle Angaben entsprechen nach bestem Wissen dem derzeitigen Stand der Erkenntnisse und unserer Entwicklung. Änderungen bleiben vorbehalten. Alle Bezugnahme auf DIN-Normen dienen nur der Warenbeschreibung und stellen keine Garantie dar. Bei vorliegenden Problemfällen technische Beratung anfordern.

Stand: 23. August 2019

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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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

1.1. Product identifier

Trade name/designation:

RAVENOL Teerentferner

Article No.:

1360004

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

Use of the substance/mixture:

Reiniger

Lamp oil

Consumer uses: Private households / general public / consumers

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Ravensberger Schmierstoffvertrieb GmbH

Jöllenbecker Str. 2

33824 Werther

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Telephone: +49 5203 9719 0

Telefax: +49 5203 9719 48

E-mail: kontakt@ravenol.de

Website: www.ravenol.de

E-mail (competent person): kontakt@ravenol.de

1.4. Emergency telephone number

Abt. Produktsicherheit, 24h: +49 700 24 112 112 (Company ID: RAV) (outside USA/Canada) 011 49 700 24 112 112 (Company ID: RAV) (inside USA/Canada), +49 5203 9719 0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|---|--|--------------------------|
| Aspiration hazard (<i>Asp. Tox. 1</i>) | H304: May be fatal if swallowed and enters airways. | |
| flammable liquids (<i>Flam. Liq. 2</i>) | H225: Highly flammable liquid and vapour. | |
| Skin corrosion/irritation (<i>Skin Irrit. 2</i>) | H315: Causes skin irritation. | |
| STOT-single exposure (<i>STOT SE 3</i>) | H336: May cause drowsiness or dizziness. | |
| Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>) | H411: Toxic to aquatic life with long lasting effects. | |

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS08

Health hazard

Signal word: Danger



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Hazard components for labelling:

Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclenes, <2% aromatics

hazard statements for physical hazards

H225 Highly flammable liquid and vapour.

hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements

P102 Keep out of reach of children.

Precautionary statements Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P262 Do not get in eyes, on skin, or on clothing.

Precautionary statements Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/Emergency telephone number.

P331 Do NOT induce vomiting.

Precautionary statements Storage

P405 Store locked up.

Precautionary statements Disposal

P501 Dispose of contents/container according to official regulations for disposal.

2.3. Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Additional information:

Labelling for contents according to regulation (EC) No. 648/2004: <2% aliphatic hydrocarbons

Hazardous ingredients / Hazardous impurities / Stabilisers:

| product identifiers | Substance name Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|---|---|-----------------|
| CAS No.: 0000000-01-9 EC No.: 926-141-6 REACH No.: 01-2119456620-43 | Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclenes, <2% aromatics Asp. Tox. 1 Danger H304-EUH066 | 45 - 95 Wt % |
| CAS No.: 64742-49-0 EC No.: 265-151-9 REACH No.: 01-2119473851-33-0000 | Naphtha (petroleum), hydrotreated light STOT SE 3, Flam. Liq. 2, Asp. Tox. 1, Aquatic Chronic 2 Danger H225-H304-H336-H411 | 2 - 4 Wt % |

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove contaminated, saturated clothing immediately. If unconscious place in recovery position and seek medical advice.

Following inhalation:

Provide fresh air. Consult a doctor immediately.

In case of skin contact:

Wash immediately with: Water and soap



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After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion:

If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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

No known symptoms to date.

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

Central nervous system depression. Subsequent observance for pneumonia and lung oedema.
Observe risk of aspiration if vomiting occurs.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing powder
Carbon dioxide (CO₂)
Water mist

In case of major fire and large quantities: alcohol resistant foam Water spray

Unsuitable extinguishing media:

High power water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

Carbon monoxide
Carbon dioxide (CO₂)
Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Personal protection equipment.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.

Do not rinse down with water.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

6.5. Additional information

No data available



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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Keep container tightly closed in a cool, well-ventilated place.

Avoid: generation/formation of aerosols

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Fire prevent measures:

Take precautionary measures against static discharge.

Keep away from sources of ignition. - No smoking.

Advices on general occupational hygiene

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels:

Keep/Store only in original container.

Storage class: 3 - Flammable liquids

Further information on storage conditions:

Keep out of the reach of children.

7.3. Specific end use(s)

Recommendation:

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name | ① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark |
|--------------------------------------|--|--|
| TRGS 900 (DE) | Naphtha (petroleum), hydrotr eated light CAS No.: 64742-49-0 | ① 1,500 mg/m ³ ② 3,000 mg/m ³ ⑤ (C5-C8 Aliphaten) |
| TRGS 900 (DE) | ethanol CAS No.: 64-17-5 | ① 500 ppm (960 mg/m ³) ② 1,000 ppm (1,920 mg/m ³) |

8.1.2. biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

See section 7. No additional measures necessary.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection



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Skin protection:

Hand protection
 Suitable material: NBR (Nitrile rubber), PVC (Polyvinyl chloride)
 Thickness of the glove material: >= 0,4 mm
 Breakthrough time (maximum wearing time) >480 min
 Breakthrough times and swelling properties of the material must be taken into consideration.
 The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
 Suitable protective clothing: Protective clothing:

Respiratory protection:

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Other protection measures:

Protective clothing: solvent-resistant

8.2.3. Environmental exposure controls

No data available

8.3. Additional information

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: liquid

Colour: colourless

Odour: characteristic

Safety relevant basis data

| parameter | | at °C | Method | Remark |
|--|-----------------------|-------|--------|--------|
| pH | <i>not determined</i> | | | |
| Melting point/freezing point | <i>not determined</i> | | | |
| Freezing point | <i>not determined</i> | | | |
| Initial boiling point and boiling range | <i>not determined</i> | | | |
| Decomposition temperature (°C): | <i>not determined</i> | | | |
| Flash point | > 65 °C | | | |
| Evaporation rate | <i>not determined</i> | | | |
| Ignition temperature in °C | <i>not determined</i> | | | |
| Upper/lower flammability or explosive limits | 0.6 - 6.5 Vol-% | | | |
| Vapour pressure | <i>not determined</i> | | | |
| Vapour density | <i>not determined</i> | | | |
| Density | <i>not determined</i> | | | |
| Bulk density | <i>not determined</i> | | | |
| Water solubility (g/L) | Immiscible | | | |
| Partition coefficient: n-octanol/ water | <i>not determined</i> | | | |
| Dynamic viscosity | <i>not determined</i> | | | |
| Kinematic viscosity | <i>not determined</i> | 40 °C | | |

9.2. Other information

organic solvents : 100,0%

Water : 0,0%

Solid content (%) 0,0

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures. The mixture is chemically stable under recommended conditions of storage, use and temperature.



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10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

Carbon monoxide
 Carbon dioxide (CO₂)
 Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| CAS No. | Substance name | Toxicological information |
|------------------|--|---|
| 000000 0-01-9 | Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclenes, <2% aromatics | LD₅₀ oral: 15,000 mg/kg (Rat) LD₅₀ dermal: 3,400 mg/kg (Rat) LC₅₀ inhalative: 13.1 mg/l 4 h (Rat) |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | LD₅₀ oral: 5,000 mg/kg (Ratte) LD₅₀ dermal: 2,000 mg/kg (Kaninchen) |

Skin corrosion/irritation:

May cause skin and eye irritation. Frequently or prolonged contact with skin may cause dermal irritation.

Eye damage/irritation:

May cause skin and eye irritation.

Respiratory or skin sensitisation:

No sensitizing effects known.

Germ cell mutagenicity:

No indications of human germ cell mutagenicity exist.

Carcinogenicity:

No indication of human carcinogenicity.

Reproductive toxicity:

No indications of human reproductive toxicity exist.

Aspiration hazard:

Observe risk of aspiration if vomiting occurs.

SECTION 12: Ecological information

12.1. Toxicity

| CAS No. | Substance name | Toxicological information |
|------------------|--|---|
| 000000 0-01-9 | Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclenes, <2% aromatics | LC₅₀: 100 mg/l 4 d EC₅₀: 22 mg/l 2 d EC₅₀: 100 mg/l 3 d NOEC: 3 mg/l -∞ h NOEC: 0.097 mg/l -∞ h LOEC: 0.203 mg/l -∞ h |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | LC₅₀: 1 mg/l 4 d (Pimephales promelas) ErC₅₀: 10 mg/l 3 d (Pseudokirchneriella) EC₅₀: 1 mg/l 2 d (Daphnia magna) |

Aquatic toxicity:

Very toxic to aquatic life.

12.2. Persistence and degradability

Biodegradation:

Readily biodegradable.

Additional information:

The product has not been tested.



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12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

| CAS No. | Substance name | Results of PBT and vPvB assessment |
|------------------|--|------------------------------------|
| 000000 0-01-9 | Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cycloalkenes, <2% aromatics | — |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | — |

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

Remark:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste code packaging:

Remark:

Dispose of waste according to applicable legislation.

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Packing which cannot be properly cleaned must be disposed of.
 Non-contaminated packages may be recycled.

13.2. Additional information

No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (WGK)

WGK:

1 - schwach wassergefährdend

Description:

slightly hazardous to water (WGK 1)

Other regulations, restrictions and prohibition regulations

D: Containing mineral oil product tax deductible! Must not be used as power or heating lubricant or for the production of such substances! EU legislation: Keep lamps filled with this liquid out of the reach of children. Just a sip of lamp oil or even sucking the wick of lamps may lead to life-threatening lung damage.

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

15.3. Additional information

No data available

SECTION 16: Other information

16.1. Indication of changes

sections 1-16

16.2. Abbreviations and acronyms

See overview table at www.euphrac.eu

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

16.3. Key literature references and sources for data

67/548/EEC - Dangerous Substances Directive

1999/45/EEC - Dangerous Preparations Directive

EC 1907/2006 - REACH Regulation

1272/2008 EC - Regulation on classification, labeling and packaging of substances and mixtures, and amending Directives 67/548/EEC and 1999/45/EC and Regulation (EC) No 1907/2006

Regulation (EC) No 1907/2006 (REACH), Annex II

European Chemicals Agency (ECHA), C & L classification and labeling inventory

European Chemicals Agency (ECHA), ECHA CHEM Registered substances

OECD The Global Portal to Information on Chemical Substances (ChemPortal)

Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA): GESTIS substance database and International limit values for chemical substances

Federal Environment Agency, Section IV 2.4: Documentation and Information Centre substances hazardous to water Rigoletto (catalog substances hazardous to water)



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16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|---|--|--------------------------|
| Aspiration hazard (<i>Asp. Tox. 1</i>) | H304: May be fatal if swallowed and enters airways. | |
| flammable liquids (<i>Flam. Liq. 2</i>) | H225: Highly flammable liquid and vapour. | |
| Skin corrosion/irritation (<i>Skin Irrit. 2</i>) | H315: Causes skin irritation. | |
| STOT-single exposure (<i>STOT SE 3</i>) | H336: May cause drowsiness or dizziness. | |
| Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>) | H411: Toxic to aquatic life with long lasting effects. | |

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements | |
|-------------------|--|
| H225 | Highly flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.