

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.11.2009

Revision: 17.11.2009

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**

- **Trade name:** *teslanol WR Walzenreiniger 1000 ml (Art. 26035)*
- **Application of the substance / the preparation** *Solvent Cleaner*

- **Manufacturer/Supplier:**

wentronic - Electronic Components Handels GmbH  
 Pillmannstrasse 12  
 D-38112 Braunschweig  
 Deutschland / Germany  
 Telefon +49-(0)531-210 58-0  
 Telefax +49-(0)531-210 58-22  
 office@wentronic.com

- **Further information obtainable from:**

Vertrieb / Sales Department (über Zentrale / via switchboard)  
 Telefon +49-(0)531-210 58-0  
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 office@wentronic.com

- **Information in case of emergency:**

Telefon +49-(0)531-210 58-0  
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 office@wentronic.com

## 2 Hazards identification

- **Hazard description:**



Xn Harmful  
 F Highly flammable  
 N Dangerous for the environment

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Has a narcotizing effect.

R 11 Highly flammable.

R 36/38 Irritating to eyes and skin.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 67 Vapours may cause drowsiness and dizziness.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Mixture: consisting of the following components.

- **Dangerous components:**

CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light Xn, Xi, F, N; R 11-38-51/53-65-67	50-100%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol Xi, F; R 11-36-67	10-25%
CAS: 79-20-9 EINECS: 201-185-2	methyl acetate Xi, F; R 11-36-66-67	2.5-10%

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CAS: 110-54-3 EINECS: 203-777-6	n-hexane ☒ Xn, ☒ Xi, F, N; R 11-38-48/20-62-51/53-65-67	≤ 2.5%
CAS: 1330-20-7 EINECS: 215-535-7	xylene ☒ Xn, ☒ Xi; R 10-20/21-38	≤ 2.5%
· <b>Regulation (EC) No 648/2004 on detergents / Labelling for contents</b>		
aliphatic hydrocarbons		≥ 30%
perfumes (LIMONENE, CITRAL)		

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

## 4 First aid measures

 · **General information:**

Take affected persons out into the fresh air.  
Do not leave affected persons unattended.  
Immediately remove any clothing soiled by the product.

 · **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
In case of unconsciousness place patient stably in side position for transportation.

 · **After skin contact:** Wash with water and soap

 · **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

 · **After swallowing:**

If product is swallowed (normally not possible) DO NOT induce vomiting. DANGER OF ASPIRATION.  
Search for medical help.  
Show this MSDS

## 5 Fire-fighting measures

 · **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

 · **For safety reasons unsuitable extinguishing agents:** Water with full jet

 · **Special hazards caused by the substance, its products of combustion or resulting gases:**

Can form explosive gas-air mixtures.  
Toxic pyrolysis products

 · **Protective equipment:** Wear fully protective suit.

## 6 Accidental release measures

 · **Person-related safety precautions:**

Wear protective equipment. Keep unprotected persons away.  
Avoid contact with skin / eyes and inhalation.  
Ensure adequate ventilation  
Keep away from ignition sources.

 · **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

 · **Measures for cleaning/collecting:**

Ensure adequate ventilation.  
Let volatiles evaporate. Keep off any handling equipment with engines (source of ignition)

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## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Avoid inhalation and contact with the skin and the eyes.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:**  
Store away from oxidizing agents.  
Store away from foodstuffs.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

## 8 Exposure controls/personal protection

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

- **Ingredients with limit values that require monitoring at the workplace:**

### 67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 ppm
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### 79-20-9 methyl acetate

WEL	Short-term value: 770 mg/m <sup>3</sup> , 250 ppm Long-term value: 616 mg/m <sup>3</sup> , 200 ppm
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### 110-54-3 n-hexane

WEL	Long-term value: 72 mg/m <sup>3</sup> , 20 ppm
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### 1330-20-7 xylene

WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
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- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.
- **Respiratory protection:**  
Not necessary if room is well-ventilated.  
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

- **Material of gloves** If contamination is possible, use gloves made of nitrile according EN 374
- **Penetration time of glove material** > 480 min / 0,4 mm thickness

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· **Eye protection:** Safety glasses in case of splittings

## 9 Physical and chemical properties

### · General Information

**Form:** Fluid  
**Colour:** Colourless  
**Odour:** lemon-like

### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 57°C  
 initial boiling point

· **Flash point:** -22°C

· **Ignition temperature:** 250°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

### · Explosion limits:

**Lower:** 0.8 Vol %  
**Upper:** 12.0 Vol %  
**Pressure (20°C) at 20°C** nicht bestimmt

· **Density at 20°C:** ca. 0.713 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

### · Solvent content:

**Organic solvents:** 100.0 %

· **Additional information** Vapors are heavier than air.

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** Avoid contact with oxidizing agents.
- **Dangerous reactions** By use or incidental release the formation of explosive vapor/air mixtures is possible.
- **Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

### · Acute toxicity:

#### · LD/LC50 values relevant for classification:

**64742-49-0 Naphtha (petroleum), hydrotreated light**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rabbit)
Inhalative	LC50/4 h	> 20 mg/l (rat)

### · Primary irritant effect:

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

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· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant  
Harmful

## 12 Ecological information

· **Ecotoxicological effects:**

· **Acquatic toxicity:**

**64742-49-0 Naphtha (petroleum), hydrotreated light**

LC 50 / 96 h < 10 mg / l (daphnia)

· **Remark:** Toxic for fish

· **General notes:**

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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

## 13 Disposal considerations

· **Product:**

· **European waste catalogue**

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 06 00 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

07 06 04 other organic solvents, washing liquids and mother liquors

· **Uncleaned packaging:**

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

## 14 Transport information

· **Land transport ADR/RID (cross-border)**



· **ADR/RID class:** 3 (F1) Flammable liquids.

· **Danger code (Kemler):** 33

· **UN-Number:** 1993

· **Packaging group:** II

· **Hazard label:** 3

· **Special marking:** Symbol (fish and tree)

· **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light, ISOPROPANOL (ISOPROPYL ALCOHOL)), special provision 640D

· **Limited quantities (LQ)** LQ4

· **Transport category** 2

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· Tunnel restriction code D/E

· Maritime transport IMDG:



· IMDG Class: 3

· UN Number: 1993

· Label: 3

· Packaging group: II

· EMS Number: F-E,S-E

· Marine pollutant: Yes

Symbol (fish and tree)

· Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light, ISOPROPANOL (ISOPROPYL ALCOHOL))

· Air transport ICAO-TI and IATA-DGR:



· ICAO/IATA Class: 3

· UN/ID Number: 1993

· Label: 3

· Packaging group: II

· Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light, ISOPROPANOL (ISOPROPYL ALCOHOL))

· Environmental hazards:

Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene, Naphtha (petroleum), hydrotreated light

## 15 Regulatory information

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· Code letter and hazard designation of product:



Xn Harmful

F Highly flammable

N Dangerous for the environment

· Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light

· Risk phrases:

11 Highly flammable.

36/38 Irritating to eyes and skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

67 Vapours may cause drowsiness and dizziness.

· Safety phrases:

2 Keep out of the reach of children.

7/9 Keep container tightly closed and in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

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- 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
- 24/25 Avoid contact with skin and eyes.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- 37 Wear suitable gloves.
- 51 Use only in well-ventilated areas.
- 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

· **National regulations:**

· **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

Class	Share in %
I	≤ 2,5
NK	50-100

## 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 R-phrases**

- 10 Flammable.
- 11 Highly flammable.
- 20/21 Harmful by inhalation and in contact with skin.
- 36 Irritating to eyes.
- 38 Irritating to skin.
- 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 62 Possible risk of impaired fertility.
- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

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