

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

Printing date 29.04.2015

Version number 1

Revision: 29.04.2015

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

- **1.1 Product identifier**
- **Trade name:** *Waterfree Cleaning spray*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Application of the substance / the mixture** Consumer use
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Importer / Supplier:**  
ZEMATRA bv  
Steenspil 28  
4661 TZ Halsteren  
The Netherlands  
Tel.: +31 164 687770  
Fax: +31 164 680512  
E-mail: info@zematra.com  
www.zematra.com
- **Further information obtainable from:** Product safety department.
- **1.4 Emergency telephone number:**  
Tel.: +31 164 687770  
This telephone number can be reached during office hours.

**SECTION 2: Hazards identification**

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



GHS08 health hazard


Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **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** GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Distillates (petroleum), hydrotreated light
- **Hazard statements**  
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Additional information:**  
EUH066 Repeated exposure may cause skin dryness or cracking.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Solvent mixture

· **Dangerous components:**

CAS: 64742-47-8 EINECS: 265-149-8 Index number: 649-422-00-2	Distillates (petroleum), hydrotreated light	 Asp. Tox. 1, H304	50-100%
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· **Ingredients according to detergents regulation (EC nr. 648/2004):**

aliphatic hydrocarbons	≥ 30%
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· **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:

Seek medical treatment.

Never give anything by mouth to an unconscious person.

##### · After inhalation:

If breathing is irregular or stopped, administer artificial respiration.

Seek immediate medical advice.

##### · After skin contact: Take off contaminated clothing immediately and wash the skin with plenty of water. (possibly showering)

##### · After eye contact:

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

If possible, remove Contact lenses.

##### · After swallowing:

Do not induce vomiting; call for medical help immediately.

Rinse mouth and 2 glasses of water to drink.

#### · 4.2 Most important symptoms and effects, both acute and delayed

Sore throat

Coughing

Headache

Disziness

Gastric or intestinal disorders

Unconsciousness

#### · 4.3 Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

After ingestion of the liquid, droplets of the product may enter the lungs (aspiration), whereby pneumonia can occur.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

##### · Suitable extinguishing agents:

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

##### · For safety reasons unsuitable extinguishing agents:

Water

Water with full jet

#### · 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

#### · 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

Wear protective equipment. Keep unprotected persons away.

#### · 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

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).

Dispose contaminated material as waste according to item 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.

### SECTION 7: Handling and storage

#### · 7.1 Precautions for safe handling

Be careful: SKIN EXPOSURE! STRICT HYGIENE!

Avoid exposure of (pregnant) women!

Avoid inhalation of vapors and contact with eyes, skin and clothing.

Do not eat, drink or smoke while working.

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In the immediate vicinity of any potential exposure source, eye wash stations and emergency showers should be available.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

**Information about fire - and explosion protection:**

Vapors are heavier than air, can cover long distances along the ground from their source before ignite or explode.  
Use explosion-proof apparatus / fittings and spark-proof tools.  
Keep ignition sources away - Do not smoke.  
Protect from heat.  
Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage:**

**Requirements to be met by storerooms and receptacles:**

All hazardous products must be placed above a sump pallet.  
Store only in the original receptacle.

**Information about storage in one common storage facility:** Store away from oxidising agents.

**Further information about storage conditions:**

Keep container tightly sealed.  
Protect from heat and direct sunlight.

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

**SECTION 8: Exposure controls/personal protection**

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

**8.1 Control parameters**

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

**64742-47-8 Distillates (petroleum), hydrotreated light**

TWA 8 HOURS (EU) | Long-term value: 1200 mg/m<sup>3</sup>

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

**8.2 Exposure controls**

**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.

**Respiratory protection:**

Filter A

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Protection of hands:**

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.

**Material of gloves**

PVA gloves

Gloves Neo-Nitrile™ 300 – AQL or 0.65 (level 3). Thickness-0.35 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.

Nitrile rubber, NBR

**Penetration time of glove material**

Breakthrough time >20' - Thickness >0.45mm

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**For the permanent contact gloves made of the following materials are suitable:**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

PVA gloves

**Eye protection:**



Tightly sealed goggles

**Body protection:** Anti-static clothing

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### SECTION 9: Physical and chemical properties

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

**· General Information**

**· Appearance:**

Form:	Liquid
Colour:	Blue
Odour:	Characteristic
Odour threshold:	Not determined.

· pH-value: Not determined.

**· Change in condition**

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	193 °C

· Flash point: 73 °C

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: 236 °C

· Decomposition temperature: Not determined.

· 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:	0.5 Vol %
Upper:	6.5 Vol %

· Vapour pressure at 20 °C: 60 Pa

Density at 20 °C:	0.76 g/cm <sup>3</sup>
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate at 20 °C	< 1 (n-Butyl acetate =1)

· Solubility in / Miscibility with water: Insoluble.

· Partition coefficient (n-octanol/water): > 6 log POW

**· Viscosity:**

Dynamic at 20 °C:	2 mm <sup>2</sup> /s
Kinematic:	Not determined.

**· Solvent content:**

Organic solvents: 100 %

Oxidizing properties: geen

· 9.2 Other information No further relevant information available.

### SECTION 10: Stability and reactivity

· **10.1 Reactivity** Reacts violently with oxidizing agents, strong acids and strong bases.

· **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.  
The intense movement can cause an electrostatic charge.

· **10.4 Conditions to avoid**

Direct sunlight  
Heat  
Sparks-Open fire

· **10.5 Incompatible materials:**

Oxidising Agents  
Strong acids  
Strong bases  
Rubber  
Various plastics

· **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

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### SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:**

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

**ATE (Acute Toxicity Estimates)**

Inhalative	LC50/4 h	23.3 mg/l
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**64742-47-8 Distillates (petroleum), hydrotreated light**

Oral	LD50	>2000 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)
Inhalative	LC50/4 h	>21 mg/l (Rat)

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitisation:** No sensitising effects known.

· **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

### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**64742-47-8 Distillates (petroleum), hydrotreated light**

EC50/48h	10000000 mg/l (Daphnia Magna) (Calculated)
LC50/96h	45 mg/l (fish) (Calculated)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential**

Due to the distribution coefficient n-octanol/water an accumulation in organisms is possible.

· **12.4 Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Generally not hazardous for water

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

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

### 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.

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

· **Uncleaned packaging:**

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

### SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR,RID,ADN, ADN, IMDG, IATA** Void

· **14.2 UN proper shipping name**

· **ADR,RID,ADN, ADN, IMDG, IATA** Void

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· <b>14.3 Transport hazard class(es)</b>	
· ADR,RID,ADN, ADN, IMDG, IATA	
· <b>Class</b>	Void
· <b>14.4 Packing group</b>	
· ADR,RID,ADN, IMDG, IATA	Void
· <b>14.5 Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	-

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **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**  
H304 May be fatal if swallowed and enters airways.
- **Training hints** Take care of good information, instruction and training for users.
- **Department issuing MSDS:** Environment protection department.
- **Abbreviations and acronyms:**  
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  
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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1
- **Sources**  
This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)  
See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>