



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

Das kleine Wartungswunder

Print date 07.03.2022  
Revision date 07.03.2022  
Version 2.1

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

### 1.1 Product identifier

Trade name/designation Das kleine Wartungswunder

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

#### Relevant identified uses

##### Product categories [PC]

PC24 Lubricants, greases, release products

### 1.3 Details of the supplier of the safety data sheet

#### Supplier

Pantera Product GmbH  
Simon-Bolivar-Straße 29  
DE-28197 Bremen  
Telephone: +49 (0)421 - 520 80 780  
Telefax: +49 (0)421 - 520 80 789  
E-mail: info@panteraproduct.de  
www.panteraproduct.de

### 1.4 Emergency telephone number

Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein, Universität Göttingen (GIZ-Nord), Telefon 0551 / 19 240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

#### health hazards

Asp. Tox. 1

##### hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

#### Physical hazards

Flam. Aerosol 1

##### hazard statements for physical hazards

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

### 2.2 Label elements

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

#### Hazard pictograms



GHS02  
Signal word  
Danger



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## Hazard statements

### Hazard statements for physical hazards

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.

## Precautionary statements

### General:

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

### Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.

### Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### Disposal:

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

## Product identifiers

Hazard components for labelling  
Destillate (Erdöl), mit Wasserstoff behandelte leichte

## Supplemental hazard information

### health hazard properties

EUH066 Repeated exposure may cause skin dryness or cracking.

## 2.3 Other hazards

## Results of PBT and vPvB assessment

not applicable

## SECTION 3: Composition / information on ingredients

### Additional information

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

### 3.1/3.2 Substances/Mixtures

#### Hazardous ingredients

propane	10 - <20 %
CAS 74-98-6	
EC 200-827-9	
INDEX 601-003-00-5	
Flam. Gas 1, H220 / Press. Gas, / Liquef. Gas, H280	
isobutane	20 - <25 %
CAS 75-28-5	
EC 200-857-2	
INDEX 601-004-00-0	
Flam. Gas 1, H220 / Press. Gas, / Liquef. Gas, H280	



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butane	2,5 - <5 %
CAS 106-97-8	
EC 203-448-7	
INDEX 601-004-00-0	
Flam. Gas 1, H220 / Press. Gas, / Liquef. Gas, H280	
Distillates (petroleum), hydro- treated light	25 - <50 %
CAS 64742-47-8	
EC 265-149-8	
INDEX 649-422-00-2	
Asp. Tox. 1, H304	
Sulfonic acids, petroleum, sodium salts	2,5 - <5 %
CAS 68608-26-4	
EC 271-781-5	
Eye Irrit. 2, H319 / Skin Irrit. 2, H315	

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Change contaminated, saturated clothing.

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

#### Following skin contact

Wash immediately with:

Water and soap

In case of skin irritation, consult a physician.

#### 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.

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

#### Symptoms

No symptoms known up to now.

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

#### Notes for the doctor

Treat symptomatically.

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## SECTION 5: Firefighting measures

### Additional information

Burning produces heavy smoke. Do not inhale explosion and combustion gases. 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.

### 5.1 Extinguishing media

#### Suitable extinguishing media

Dry extinguishing powder

Foam

Carbon dioxide (CO<sub>2</sub>)

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### Unsuitable extinguishing media

Full water jet

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

#### Hazardous combustion products

Can be released in case of fire:

Carbon dioxide (CO<sub>2</sub>)

Carbon monoxide

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus, protective clothing.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

#### Emergency procedures

Remove all sources of ignition. Provide adequate ventilation.

#### Personal precautions

Use personal protection equipment. Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction.

#### Protective equipment

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

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

### 6.3 Methods and material for containment and cleaning up

#### For containment

#### Suitable material for taking up:

Sand

Kieselguhr

Earth

Universal binder

### 6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

#### Advices on safe handling

Wear personal protection equipment (refer to section 8). Do not spray on naked flames or any incandescent material.

Avoid:

Inhalation of vapours or spray/mists

Skin contact

Eye contact

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### Measures to prevent fire

Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Use only antistatically equipped (spark-free) tools. Vapours can form explosive mixtures with air. Usual measures for fire prevention. Keep away from sources of ignition - No smoking.

### Environmental precautions

See section 8.

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

#### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed. Ensure adequate ventilation of the storage area.

#### Hints on joint storage

#### Materials to avoid

Keep away from:

Food and feedingstuffs

Do not store together with:

Combustible substance

#### Storage class

Aerosol dispensers and lighters

#### Storage class

2A

#### Further information on storage conditions

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

### 7.3 Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No data available

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

##### Suitable eye protection:

Eye glasses with side protection

##### Skin protection

##### Suitable material:

NBR (Nitrile rubber)

**Breakthrough time:** >240 min

**Thickness of the glove material** >=0,7 mm

##### remark

Breakthrough times and swelling properties of the material must be taken into consideration. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Body protection:

##### Required properties:

antistatic

flame-resistant



### Respiratory protection

Respiratory protection necessary at:  
exceeding exposure limit values

### Suitable respiratory protection apparatus:

Filtering device with filter or ventilator filtering device of type:  
AX

### remark

Usually no personal respirative protection necessary.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

#### Physical state

Aerosol

#### Colour

colourless

#### Odour

characteristic

parameter		Method - source - remark
Melting point/freezing point		not determined
Boiling point or initial boiling point and boiling range		not determined
flammability		not determined
Upper explosion limit		not determined
lower explosion limit		not determined
Flash point (°C)		not determined
Auto-ignition temperature		not determined
Decomposition temperature		not determined
pH		not determined
Kinematic viscosity		not determined
Water solubility		slightly soluble
Soluble (g/L) in		not determined
Fat solubility		not determined
Partition coefficient: n-octanol/water		not determined
Vapour pressure		not determined
Density and/or relative density	0,691 g/cm <sup>3</sup>	Temperature 20 °C
Auto-ignition temperature	>200 °C	
Relative vapour density		not determined
particle characteristics		not determined



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## 9.2 Other information

### Solvent content

**Value** 80,2 %

### remark

554,3 g/l

### Physical hazards

#### Aerosols

##### Assessment/classification

Extremely flammable aerosol (H222)

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

In case of warming:

Danger of bursting container.

### 10.5 Incompatible materials

#### Materials to avoid

Oxidising agent, strong

### 10.6 Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

Carbon dioxide

Carbon monoxide

aldehydes

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Aspiration hazard

##### Assessment/classification

May be fatal if swallowed and enters airways.

#### Acute toxicity

#### Acute dermal toxicity

**ingredient** Distillates (petroleum), hydro- treated light

**Acute dermal toxicity** >2000 mg/kg

#### Effective dose

LD50:

#### Species:

Rabbit

#### Assessment/classification

Vapours may cause drowsiness and dizziness.

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**Acute inhalation toxicity (gas)**

**ingredient** propane

**Acute inhalation toxicity (gas)** 20 mg/L

**Effective dose**

LC50:

**Exposure time** 4 h

**Species:**

Rat

**ingredient** isobutane

**Acute inhalation toxicity (gas)** >50 mg/L

**Effective dose**

LC50:

**Exposure time** 4 h

**Species:**

Rat

**ingredient** butane

**Acute inhalation toxicity (gas)** 658 mg/L

**Effective dose**

LC50:

**Exposure time** 4 h

**Species:**

Rat

**Acute inhalation toxicity (vapour)**

**ingredient** Distillates (petroleum), hydro- treated light

**Acute inhalation toxicity (vapour)** >5 mg/L

**Effective dose**

LC50:

**Exposure time** 4 h

**Species:**

Rat

**Acute oral toxicity**

**ingredient** Distillates (petroleum), hydro- treated light

**Acute oral toxicity** >2000 mg/kg

**Effective dose**

LD50:

**Species:**

Rat

**ingredient** Sulfonic acids, petroleum, sodium salts

**Acute oral toxicity** >5000 mg/kg

**Effective dose**

LD50:

**Species:**

Rat

**Serious eye damage/irritation**





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**Assessment/classification**

non-irritant.

**skin corrosion/irritation**

**Assessment/classification**

Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

**Sensitisation to the respiratory tract**

**Assessment/classification**

no danger of sensitization.

**Skin sensitisation**

**Result / evaluation**

not sensitising.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Overall Assessment on CMR properties**

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

**11.2 Information on other hazards**

No information available.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Assessment/classification**

not relevant

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

not applicable

**12.6 Endocrine disrupting properties**

No information available.

**12.7 Other adverse effects**

No information available.

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Directive 2008/98/EC (Waste Framework Directive)**

**Before intended use**

**Waste code product** 160504

**hazardous waste** Yes.

**Waste name**

gases in pressure containers (including halons) containing hazardous substances



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#### After intended use

#### Appropriate disposal / Product

Waste disposal according to official state regulations.

**Waste code packaging** 150104

**hazardous waste** No

#### Waste name

metallic packaging

### SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	1950	1950	1950
14.2 Proper Shipping Name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3 Class(es)	2	2.1	2.1
14.4 Packing group			
14.5 Environmental hazards	No	No	No
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Maritime transport in bulk according to IMO instruments	not applicable	not applicable	not applicable

#### Additional information - Land transport (ADR/RID)

**Hazard label(s)** 2.1  
**Classification code** 5F  
**Limited quantity (LQ)** 1 L  
**tunnel restriction code** D  
**transport category** 2  
**remark** F-D, S-U

#### Additional information - Air transport (ICAO-TI / IATA-DGR)

**Limited quantity (LQ)** 30

### SECTION 15: Regulatory information

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

##### EU legislation

##### Other regulations (EU)

#### Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

**Volatile organic compounds (VOC) content in percent by weight:** 80,2 weight-%

**VOC-value** 554,3 g/L

#### To follow:

Aerosol directive (75/324/EEC)

Regulation (EC) No. 648/2004 (Detergents regulation)

#### 15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.



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## **SECTION 16: Other information**

### **Abbreviations and acronyms**

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

### **Indication of changes**

\* Data changed compared with the previous version

### **Relevant R-, H- and EUH-phrases (Number and full text)**

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H331 Toxic if inhaled.

### **Key literature references and sources for data**

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.