Telefax: ++49(0)7041-963429



### Safety Data Sheet

according to Regulation (EC) No 1907/2006

#### **Vaseline**

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

### 1.1. Product identifier

Vaseline

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

### Use of the substance/mixture

Lubricants, greases, release products

### Uses advised against

Reserved for industrial and professional use.

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

Company name: ITW LLC & Co. KG
Street: Mühlackerstrasse 149
Place: D-75417 Mühlacker
Telephone: ++49(0)7041-96340

e-mail: info@itwcp.de
Internet: www.itwcp.de
Responsible Department: Produktsicherheit

1.4. Emergency telephone ++49(0)7041-96340

**number:** Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

### Regulation (EC) No. 1272/2008

Hazard categories: Aerosol: Aerosol 1

Specific target organ toxicity - single exposure: STOT SE 3 Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated. May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

# 2.2. Label elements

#### Regulation (EC) No. 1272/2008

# Hazard components for labelling

Hydrocarbons, C&, isoalkanes, <5% n-hexane

Signal word: Danger

Pictograms:







#### **Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.
H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

### **Precautionary statements**

P501 Dispose of contents/container to Dispose of this material and its container to hazardous or

special waste collection point..



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

P273 Avoid release to the environment.

P271 Use only outdoors or in a well-ventilated area.

P251 Do not pierce or burn, even after use. P210 Keep away from heat. No Smoking.

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

### 3.2. Mixtures

### **Hazardous components**

CAS No	Chemical name			
	EC No	Index No	REACH No	
	Classification according to Regu			
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha, <5% n-hexane			
	931-254-9			
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411			
106-97-8	butane			25-50 %
	203-448-7	601-004-00-0		
	Flam. Gas 1; H220			
74-98-6	propane			
	200-827-9	601-003-00-5		
	Flam. Gas 1; H220			
64742-48-9	Naphta heavy hydrogen treated			
	265-150-3			
	Asp. Tox. 1; H304			

Full text of H and EUH statements: see section 16.

#### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

### After inhalation

Provide fresh air.

### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

If swallowed, immediately drink: Water.

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

No data available

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

No data available

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

### Suitable extinguishing media

Carbon dioxide (CO2). Foam. Extinguishing powder.



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#### Unsuitable extinguishing media

Water with tenside additive. Water.

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

Combustible. Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

### 5.3. Advice for firefighters

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

#### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers.

#### **SECTION 6: Accidental release measures**

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

Remove all sources of ignition.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Explosion hazard.

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

Ventilate affected area.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking.

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

### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition. - No smoking.

# Advice on storage compatibility

Do not store together with: Material, rich in oxygen, oxidizing.

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

### 8.1. Control parameters

### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

### 8.2. Exposure controls





### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe

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gas/fumes/vapour/spray.

#### Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

### Eye/face protection

Tightly sealed safety glasses.

### Hand protection

DIN EN 374 Tested protective gloves are to be worn: Butyl rubber. 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.

Suitable gloves type:

Nitrilkautschuk

Empfohlene Materialstärke: = 0,40 mm Wert für die Permeation: Level = 30 min

### Skin protection

Protective clothing:

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

# **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state: Aerosol
Colour: whitish
Odour: characteristic

Test method

#### Changes in the physical state

Initial boiling point and boiling range:  $-0.5\,^{\circ}\mathrm{C}$  Flash point:  $<0\,^{\circ}\mathrm{C}$  Lower explosion limits:  $1.2\,\mathrm{vol.}\,\%$  Upper explosion limits:  $9.4\,\mathrm{vol.}\,\%$  Ignition temperature:  $300\,^{\circ}\mathrm{C}$  Density:  $0.73\,\mathrm{g/cm^3}$ 

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

# 10.3. Possibility of hazardous reactions

No data available

# 10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

# 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available



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### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

#### **Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose		Species	Source
106-97-8	butane				
	inhalative (4 h) gas	LC50	273000 ppm	Rat	GESTIS

#### Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

### **SECTION 12: Ecological information**

### 12.3. Bioaccumulative potential

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	2,89
74-98-6	propane	2,36

#### **Further information**

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

### Advice on disposal

Dispose of waste according to applicable legislation.

### Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and

discarded chemicals; gases in pressure containers (including halons) containing hazardous

substances

Classified as hazardous waste.

# Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately

collected municipal packaging waste); metallic packaging

### Contaminated packaging

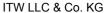
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

### **SECTION 14: Transport information**

### Land transport (ADR/RID)

**14.1. UN number:** UN1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es): 2
Hazard label: 2.1





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Classification code: 5F

Special Provisions: 190 327 625

Limited quantity: 1 L
Transport category: 2
Tunnel restriction code: D

Other applicable information (land transport)

E0

Inland waterways transport (ADN)

**14.1. UN number:** UN1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es): 2
Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Other applicable information (inland waterways transport)

E0

Marine transport (IMDG)

14.1. UN number:UN195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es): 2
14.4. Packing group: -

Hazard label: 2, see SP63

Special Provisions: 63, 190, 277, 327, 344, 959

Limited quantity: See SP277 EmS: F-D, S-U

Other applicable information (marine transport)

E0

Air transport (ICAO)

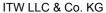
**14.1. UN number:** UN1950

14.2. UN proper shipping name: AEROSOLS, flammable

14.3. Transport hazard class(es):2.1Hazard label:2.1



Special Provisions: A145 A167 Limited quantity Passenger: 30 kg G





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IATA-packing instructions - Passenger:203IATA-max. quantity - Passenger:75 kgIATA-packing instructions - Cargo:203IATA-max. quantity - Cargo:150 kg

Other applicable information (air transport)

E0 : Y203

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: Hydrocarbons

# **SECTION 15: Regulatory information**

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

**EU** regulatory information

2004/42/EC (VOC): 74,06 % (540,638 g/l)

National regulatory information

Water contaminating class (D): 2 - water contaminating

# **SECTION 16: Other information**

### Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)