

# SAFETY DATA SHEET

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

Revision date: 22-Aug-2016

Print date: 24-Aug-2016

Version: 3.0

Page 1/7

## GUSTAV WOLF



### T 86

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

### 1.1. Product identifier

Trade name/designation:

T 86

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

Use of the substance/mixture:

Preservation of wire ropes or rope cores

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

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

**Gustav Wolf Drahtseilwerk GmbH**

Sundernstr. 40  
D 33332 Gütersloh  
Germany

**Telephone:** +49 (0) 5241 8760

**Telefax:** +49 (0) 5241 876180

**E-mail:** info@gustav-wolf.de

**Website:** www.gustav-wolf.de

**E-mail (competent person):** sales.wirerope@gustav-wolf.de

### 1.4. Emergency telephone number

24h: +49 (0) 361 730730

## 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.	

### 2.2. Label elements

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

Hazard pictograms:



**GHS08**

Health hazard

Signal word: Danger

#### hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

#### Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

#### Precautionary statements Response

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

P331 Do NOT induce vomiting.

# SAFETY DATA SHEET

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

**Revision date:** 22-Aug-2016

**Print date:** 24-Aug-2016

**Version:** 3.0

**GUSTAV WOLF**



Page 2/7

## T 86

### 2.3. Other hazards

**Adverse physicochemical effects:**

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

**Adverse human health effects and symptoms:**

-----

**Adverse environmental effects:**

-----

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

**Description:**

Solvent based preparation of hydrocarbons / petroleum products.

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
EC No.: 918-481-9 REACH No.: 01-2119457273-39	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics Asp. Tox. 1 <b>Danger</b> H304-EUH066	50 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:**

If unconscious place in recovery position and seek medical advice. When in doubt or if symptoms are observed, get medical advice.

**Following inhalation:**

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

**In case of skin contact:**

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse.

**After eye contact:**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**After ingestion:**

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Get immediate medical advice/attention.

**Self-protection of the first aider:**

Use personal protection equipment.

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

Aspiration hazard

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:**

Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Water spray. Water mist.

**Unsuitable extinguishing media:**

High power water jet. Strong water jet.

# SAFETY DATA SHEET

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

**Revision date:** 22-Aug-2016

**Print date:** 24-Aug-2016

**Version:** 3.0

**GUSTAV WOLF**



Page 3/7

## T 86

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

Vapours can form explosive mixtures with air.

#### Hazardous combustion products:

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Sulphur dioxide (SO<sub>2</sub>). Hydrocarbons.

### 5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers. In case of fire: Wear self-contained breathing apparatus.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Move undamaged containers from immediate hazard area if it can be done safely.

## 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. Eliminate all ignition sources if safe to do so.

##### Protective equipment:

Wear personal protection equipment (refer to section 8).

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Wear personal protection equipment (refer to section 8).

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

### 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). Prevent spread over a wide area (e.g. by containment or oil barriers).

#### For cleaning up:

Collect in closed and suitable containers for disposal.

### 6.4. Reference to other sections

Safe handling: see section 7 / Disposal: see section 13

### 6.5. Additional information

No data available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Avoid contact with skin, eyes and clothes.

##### Fire prevent measures:

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

##### 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 only in the original container in a cool, well-ventilated place. Ensure adequate ventilation of the storage area.

# SAFETY DATA SHEET

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

**Revision date:** 22-Aug-2016

**Print date:** 24-Aug-2016

**Version:** 3.0



Page 4/7

## T 86

### Requirements for storage rooms and vessels:

Keep container tightly closed and dry. Protect containers against damage.

### Hints on storage assembly:

Do not store together with: Oxidising agent

### 7.3. Specific end use(s)

#### Recommendation:

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Wear eye/face protection. In case of increased risk, additionally Face protection umbrella.

##### Skin protection:

Wear protective work clothing. Chemical resistant safety shoes. Chemical resistant protective gloves (EN 374)

##### Respiratory protection:

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

#### 8.2.3. Environmental exposure controls

Avoid release to the environment.

### 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:** golden

**Odour:** characteristic

#### Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not determined</i>			
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	187 - 219 °C			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	> 63 °C			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	0.6 - 7 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)	<i>not determined</i>			

# SAFETY DATA SHEET

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

Revision date: 22-Aug-2016

Print date: 24-Aug-2016

Version: 3.0

**GUSTAV WOLF**



Page 5/7

## T 86

parameter		at °C	Method	Remark
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	< 20.5 mm <sup>2</sup> /s	40 °C		

### 9.2. Other information

Information for boiling range, flash point and explosion limits only relate to the organic solvent.

## 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 chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

Vapours can form explosive mixtures with air.

### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

### 10.5. Incompatible materials

Oxidising agent

### 10.6. Hazardous decomposition products

Toxic fumes (of incomplete combustion or thermal decomposition).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (rat) OECD 401 <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (rat) OECD 402

#### Acute oral toxicity:

There are no data available on the preparation/mixture itself.

#### Acute dermal toxicity:

There are no data available on the preparation/mixture itself.

#### Acute inhalation toxicity:

There are no data available on the preparation/mixture itself.

#### Skin corrosion/irritation:

Repeated exposure may cause skin dryness or cracking.

#### Germ cell mutagenicity:

No indications of human germ cell mutagenicity exist.

#### Carcinogenicity:

No indications of human carcinogenicity exist.

#### Reproductive toxicity:

No indications of human reproductive toxicity exist.

#### Aspiration hazard:

May be fatal if swallowed and enters airways.

#### Additional information:

Processing vapours can irritate the respiratory tracts, skin and eyes. Contains no substances of very high concern (SVHC).

# SAFETY DATA SHEET

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

**Revision date:** 22-Aug-2016

**Print date:** 24-Aug-2016

**Version:** 3.0



Page 6/7

**T 86**

## SECTION 12: Ecological information

### 12.1. Toxicity

**Aquatic toxicity:**

There are no data available on the preparation/mixture itself.

**Terrestrial toxicity:**

There are no data available on the preparation/mixture itself.

### 12.2. Persistence and degradability

**Biodegradation:**

There are no data available on the preparation/mixture itself.

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

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:**

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

### Waste treatment options

**Appropriate disposal / Product:**

Consult the appropriate local waste disposal expert about waste disposal.

**Appropriate disposal / Package:**

Completely emptied packages can be recycled.

### 13.2. Additional information

No data available

## SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

<b>14.1. UN-No.</b>
not relevant
<b>14.2. UN proper shipping name</b>
not relevant
<b>14.3. Transport hazard class(es)</b>
not relevant

# SAFETY DATA SHEET

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

Revision date: 22-Aug-2016

Print date: 24-Aug-2016

Version: 3.0

Page 7/7

**GUSTAV WOLF**



## T 86

### 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 relevant

## SECTION 15: Regulatory information

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

No data available

### 15.2. Chemical Safety Assessment

No data available

### 15.3. Additional information

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://www.euphrac.eu)

### 16.3. Key literature references and sources for data

Safety data sheets of the suppliers of raw materials.

### 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.	

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

Hazard statements
H304 May be fatal if swallowed and enters airways.

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available