

# SAFETY DATA SHEET

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

Revision date: 15-Sep-2015

Print date: 27-Feb-2017

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## SCS Wachs-Trennspray

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

#### 1.1. Product identifier

Trade name/designation:

SCS Wachs-Trennspray

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

Use of the substance/mixture:

Release Agent

Uses advised against:

Sector of uses [SU]

SU 21: Consumer uses: Private households (= general public = consumers)

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

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

**Suter Kunststoffe AG**

Aefligenstrasse 3  
CH-3312 Fraubrunnen  
SWITZERLAND

Telefon: +41 31 763 60 60

Telefax: +41 31 763 60 61

E-Mail: info@swiss-composite.ch

Webseite: www.swiss-composite.ch

#### 1.4. Emergency telephone number

Toxicological Information Center Zurich 24h

Emergency call: 145 (from abroad: +41 44 251 51 51)

### 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
Aerosols ( <i>Flam. Aerosol 1</i> )	H222: Extremely flammable aerosol.	
STOT-single exposure ( <i>STOT SE 3</i> )	H336: May cause drowsiness or dizziness.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> )	H412: Harmful to aquatic life with long lasting effects.	

#### 2.2. Label elements

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

Hazard pictograms:



**GHS02**  
Flame



**GHS07**  
Exclamation mark.

Signal word: Danger

Hazard components for labelling:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, <2% aromatics

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### hazard statements for physical hazards

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

### hazard statements for health hazards

H336	May cause drowsiness or dizziness.
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### Hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
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### Supplemental Hazard information (EU)

EUH018	In use may form flammable/explosive vapour-air mixture.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Precautionary statements 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.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.

### Precautionary statements Response

P312	Call a POISON CENTER/doctor/... if you feel unwell.
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### Precautionary statements Storage

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

No data available








## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

#### Description:

Mixture of u.s. substances

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 106-97-8 EC No.: 203-448-7 REACH No.: 01-2119474691-32	<b>butane</b> Flam. Gas 1, Press. Gas   <b>Danger H220</b>	26 – 44 Vol-%
EC No.: 927-241-2 REACH No.: 01-2119471843-32-0000	<b>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, &lt;2% aromatics</b> STOT SE 3, Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 3    <b>Danger H226-H304-H336-412</b>	19 – 36 Vol-%
CAS No.: 74-98-6 EC No.: 200-827-9 REACH No.: 01-2119486944-21	<b>propane</b> Flam. Gas 1, Press. Gas   <b>Danger H220</b>	14 – 24 Vol-%

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

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## SCS Wachs-Trennspray

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

##### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention if you feel unwell.

##### In case of skin contact:

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

##### 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.

##### After ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Do NOT induce vomiting. 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

Pneumonia Pulmonary oedema Drowsiness Dizziness

#### 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:

Water spray Foam Dry extinguishing powder

##### Unsuitable extinguishing media:

High power water jet

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

##### Hazardous combustion products:

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

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### 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.

###### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

##### 6.1.2. For emergency responders

###### Personal protection equipment:

Personal protection equipment: see section 8

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## SCS Wachs-Trennspray

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For cleaning up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## 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).

##### Fire prevent measures:

Emergency cooling must be provided for in case of a fire in the vicinity.

##### Measures to prevent aerosol and dust generation:

Provide adequate ventilation as well as local exhaustion at critical locations.

##### Environmental precautions:

Do not empty into drains; dispose of this material and its container in a safe way.

#### Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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

#### Technical measures and storage conditions:

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

#### Requirements for storage rooms and vessels:

Keep/Store only in original container.

#### Hints on storage assembly:

Keep away from food, drink and animal feedingstuffs.

#### Storage class: 2B – aerosols

### 7.3. Specific end use(s)

#### Recommendation:

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
CH	butane CAS No.: 106-97-8	① 800 ppm (1,900 mg/m <sup>3</sup> ) ② 3,200 ppm (7,200 mg/m <sup>3</sup> )
TRGS 900 (DE)	butane CAS No.: 106-97-8	① 1,000 ppm (2,400 mg/m <sup>3</sup> ) ② 4,000 ppm (9,600 mg/m <sup>3</sup> )
TRGS 900 (DE)	propane CAS No.: 74-98-6	① 1,000 ppm (1,800 mg/m <sup>3</sup> ) ② 4,000 ppm (7,200 mg/m <sup>3</sup> )

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## SCS Wachs-Trennspray

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
CH	propane CAS No.: 74-98-6	① 1,000 ppm (1,800 mg/m <sup>3</sup> ) ② 4,000 ppm (7,200 mg/m <sup>3</sup> )

### 8.1.2. Biological limit values

No data available

### 8.1.3. DNEL-/PNEC-values

No data available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No data available

### 8.2.2. Personal protection equipment

#### Eye/face protection:

Eye glasses with side protection

#### Skin protection:

Tested protective gloves must be worn DIN EN 374 Suitable material: NBR (Nitrile rubber) Breakthrough time (maximum wearing time) min In the case of wanting to use the gloves again, clean them before taking off and air them well.

#### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

### 8.2.3. Environmental exposure controls

No data available

## 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: Aerosol

Colour: whitish

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	<i>not applicable</i>			n.r. AEROSOL
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	-40 °C			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	> 200 °C			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	0.69 – 0.72 g/cm <sup>3</sup>	20 °C		

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parameter		at °C	Method	Remark
Bulk density	<i>not determined</i>			
Water solubility (g/L)	<i>not determined</i>			
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable gas. Risk of explosion if heated under confinement.

### 10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

### 10.5. Incompatible materials

Oxidising agent, strong

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
106-97-8	butane	LC <sub>50</sub> inhalative: >658 ppmV 4 h (Rat)
74-98-6	propane	LD <sub>50</sub> oral: 5,050 mg/kg (Rat) LD <sub>50</sub> dermal: 12,800 mg/kg (Rabbit)
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkenes, <2% aromatics	LD <sub>50</sub> oral: 5,000 mg/kg (Rat) OECD 401 LD <sub>50</sub> dermal: 5,000 g/m <sup>3</sup> (Rabbit) OECD 402 LC <sub>50</sub> inhalative: 4,951 mg/l 4 h (Rat)

#### 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.

#### Respiratory or skin sensitisation:

not sensitising.

#### STOT-single exposure:

May cause respiratory irritation.

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## SCS Wachs-Trennspray

### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No.	Substance name	Toxicological information
74-98-6	propane	LC <sub>50</sub> : 4,200 – 11,100 mg/l 4 d LC <sub>50</sub> : 1,400 mg/l 2 d
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, <2% aromatics	LC <sub>50</sub> : >10 mg/l 4 d (Oncorhynchus mykiss (Rain bow trout)) EC <sub>50</sub> : >22 mg/l 2 d (Daphnia magna (Big water flea)) IC <sub>50</sub> : >1,000 mg/l 3 d (Pseudokirchneriella subcapitata)

#### Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

#### Sediment 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

CAS No.	Substance name	Biodegradation	Remark
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, <2% aromatics	Yes, rapidly	

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
106-97-8	butane	—
74-98-6	propane	—
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, <2% aromatics	The substance in the mixture does 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

Consult the appropriate local waste disposal expert about waste disposal.

##### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

#### Waste code product:

16 05 04 \* Gases in pressure containers (including halons) containing dangerous substances

\*: Evidence for disposal must be provided.

#### Waste code packaging:

15 01 10 packaging containing residues of or contaminated by dangerous substances

#### Waste treatment options

##### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

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### Appropriate disposal / Package:

Completely emptied packages can be recycled.

### 13.2. Additional information

No data available

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN-No.</b>			
1950	1950	1950	1950
<b>14.2. UN proper shipping name</b>			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
<b>14.3. Transport hazard class(es)</b>			
 2.1	 2.1	 2.1	
<b>14.4. Packing group</b> _____ No data available			
<b>14.5. Environmental hazards</b>			
		 MARINE POLLUTANT	
<b>14.6. Special precautions for user</b>			
<b>Special provisions:</b> <b>Limited quantity (LQ):</b> LQ: 1L <b>Hazard identification number (Kemler No.):</b> <b>Classification code:</b> F <b>Remark:</b>	<b>Special provisions:</b> <b>Limited quantity (LQ):</b> <b>Classification code:</b> F <b>Remark:</b> PAX: 203	<b>Special provisions:</b> <b>Limited quantity (LQ):</b> <b>EmS-No.:</b> F-D; S-U <b>Remark:</b>	<b>Special provisions:</b> <b>Limited quantity (LQ):</b> <b>Remark:</b>

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

No data available



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## SCS Wachs-Trennspray

### 15.1.2. National regulations

 [DE] National regulations

#### Restrictions of occupation

22 JArbSchG. 5 MuSchRiV. 4 MuSchRiV.

 [CH] National regulations

VOC-Content: 528g / 1000 ml

#### Water hazard class (WGK)

WGK: 1 - Slightly water endangering

### 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

No data available

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

Data arise from reference works and literature.

### 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
Aerosols ( <i>Flam. Aerosol 1</i> )	H222: Extremely flammable aerosol.	
STOT-single exposure ( <i>STOT SE 3</i> )	H336: May cause drowsiness or dizziness.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> )	H412: Harmful to aquatic life with long lasting effects.	

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

Hazard statements	
H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

### 16.6. Training advice

No data available

### 16.7. Additional information

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.