

# Safety Data Sheet

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

**Trade name :** SWIN 60-100-6  
universal thinner long  
**Revision date :** 31.07.2017  
**Print date :** 15.08.2017

**Version (Revision) :** 2.0.0 (1.0.0)

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

#### 1.1 Product identifier

SWIN 60-100-6  
universal thinner long (27017)

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

##### Relevant identified uses

Coatings and paints, thinners, paint removers

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

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

SWIN Lacksysteme  
Inh. Ludwig Schöne e.K

**Street :** Boschweg 5

**Postal code/city :** D-48351 Everswinkel

**Telephone :** +49(0)2582/67613

**Telefax :** +49(0)258267677

**Information contact :** info@swinsysteme.de

#### 1.4 Emergency telephone number

Tel: +49 (0) 30 / 19 24 0 Giftzentrale Berlin

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.  
STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

#### 2.2 Label elements

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

###### Hazard pictograms



Flame (GHS02) · Exclamation mark (GHS07)

###### Signal word

Warning

###### Hazard components for labelling

N-BUTYL ACETATE ; CAS No. : 123-86-4

###### Hazard statements

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

###### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P370+P378 In case of fire: Use foam to extinguish.

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P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container to disposal.

### 2.3 Other hazards

Results of PBT and vPvB assessment :

PBT: No data available

vPvB: No data available

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

2-METHOXY-1-METHYLETHYL ACETATE ; REACH registration No. : 01-2119475791-29 ; EC No. : 203-603-9; CAS No. : 108-65-6

Weight fraction :  $\geq 25 - < 50$  %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226  
Substance with a common (EC) occupational exposure limit value.

N-BUTYL ACETATE ; REACH registration No. : 01-2119485493-29 ; EC No. : 204-658-1; CAS No. : 123-86-4

Weight fraction :  $\geq 25 - < 50$  %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H336

2-BUTOXYETHYL ACETATE ; REACH registration No. : 01-2119475112-47 ; EC No. : 203-933-3; CAS No. : 112-07-2

Weight fraction :  $\geq 10 - < 25$  %

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H312 Acute Tox. 4 ; H332

#### Additional information

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

## 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 affected person from the danger area and lay down. Observe risk of aspiration if vomiting occurs. If unconscious place in recovery position and seek medical advice. Remove contaminated, saturated clothing immediately.

#### Following inhalation

Consult a doctor immediately in the case of inhaling spray mist and show him packing or label. Provide fresh air.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

#### 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

Do NOT induce vomiting. Call a physician immediately.

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

Dizziness Headache Nausea Impairment of vision Vomiting

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

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alcohol resistant foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>) Water spray

### Unsuitable extinguishing media

High power water jet

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

In case of fire may be liberated: Pyrolysis products, toxic Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

Special protective equipment 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. Move undamaged containers from immediate hazard area if it can be done safely. 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

See protective measures under point 7 and 8.

#### For non-emergency personnel

Use personal protection equipment. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

#### For emergency responders

Use appropriate respiratory protection. Remove persons to safety. Prevent spread over a wide area (e.g. by containment or oil barriers).

### 6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly.

### 6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

## SECTION 7: Handling and storage



### 7.1 Precautions for safe handling

Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Only use the material in places where open light, fire and other flammable sources can be kept away. Wear personal protection equipment (refer to section 8). Avoid: generation/formation of aerosols

#### Protective measures

All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists  
Skin contact Eye contact Take precautionary measures against static discharges.

#### Measures to prevent fire

Keep away from sources of ignition. - No smoking. Usual measures for fire prevention. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Keep away from sources of heat (e.g. hot surfaces), sparks

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and open flames. Provide earthing of containers, equipment, pumps and ventilation facilities. Use only antistatically equipped (spark-free) tools. Wear anti-static footwear and clothing. Take precautionary measures against static discharges.

### Measures to prevent aerosol and dust generation

Vapours/aerosols must be exhausted directly at the point of origin. Use only in well-ventilated areas.

### Environmental precautions

Shafts and sewers must be protected from entry of the product.

## 7.2 Conditions for safe storage, including any incompatibilities

### Hints on joint storage

**Storage class (TRGS 510) :** 3

### Further information on storage conditions

Keep container tightly closed. Keep/Store only in original container.

## 7.3 Specific end use(s)

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6

Limit value type (country of origin) : TRGS 900 ( D )

Limit value : 50 ppm / 270 mg/m<sup>3</sup>

Peak limitation : 1(I)

Remark : Y

Version : 04.11.2017

Limit value type (country of origin) : STEL ( EC )

Limit value : 100 ppm / 550 mg/m<sup>3</sup>

Remark : H

Version : 08.06.2000

Limit value type (country of origin) : TWA ( EC )

Limit value : 50 ppm / 275 mg/m<sup>3</sup>

Remark : H

Version : 08.06.2000

N-BUTYL ACETATE ; CAS No. : 123-86-4

Limit value type (country of origin) : TRGS 900 ( D )

Limit value : 62 ppm / 300 mg/m<sup>3</sup>

Peak limitation : 2(I)

Remark : Y

Version : 04.11.2017

2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2

Limit value type (country of origin) : TRGS 900 ( D )

Limit value : 20 ppm / 130 mg/m<sup>3</sup>

Peak limitation : 4(II)

Remark : H,Y

Version : 04.11.2017

Limit value type (country of origin) : STEL ( EC )

Limit value : 50 ppm / 333 mg/m<sup>3</sup>

Remark : H

Version : 08.06.2000

Limit value type (country of origin) : TWA ( EC )

Limit value : 20 ppm / 133 mg/m<sup>3</sup>

Remark : H

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Version : 08.06.2000

### Biological limit values

2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2

Limit value type (country of origin) : TRGS 903 ( D )

Parameter : Butoxy acetic acid / Urine (U) / At long term exposure: after several previous shifts

Limit value : 100 mg/l

Version : 31.03.2004

### DNEL/DMEL and PNEC values

#### DNEL/DMEL

Limit value type : DNEL worker (systemic) ( 2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6 )

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 275 mg/m<sup>3</sup>

Limit value type : DNEL worker (systemic) ( 2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6 )

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 153,5 mg/kg

Limit value type : DNEL worker (local) ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Exposure route : Inhalation

Exposure frequency : Short-term (acute)

Limit value : 960 mg/m<sup>3</sup>

Limit value type : DNEL worker (local) ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 480 mg/m<sup>3</sup>

Limit value type : DNEL worker (systemic) ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Exposure route : Inhalation

Exposure frequency : Short-term (acute)

Limit value : 960 mg/m<sup>3</sup>

Limit value type : DNEL worker (systemic) ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 480 mg/m<sup>3</sup>

Limit value type : DNEL worker (local) ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )

Exposure route : Inhalation

Exposure frequency : Short-term (acute)

Limit value : 333 mg/m<sup>3</sup>

Limit value type : DNEL worker (systemic) ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )

Exposure route : Dermal

Exposure frequency : Short-term (acute)

Limit value : 102 mg/kg

Limit value type : DNEL worker (systemic) ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )

Exposure route : Inhalation

Exposure frequency : Short-term (acute)

Limit value : 775 mg/m<sup>3</sup>

Limit value type : DNEL worker (systemic) ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 102 mg/kg

Limit value type : DNEL worker (systemic) ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 133 mg/m<sup>3</sup>

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### PNEC

Limit value type : PNEC aquatic, freshwater ( 2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6 )

Limit value : 0,635 mg/l

Limit value type : PNEC aquatic, marine water ( 2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6 )

Limit value : 0,0635 mg/l

Limit value type : PNEC sediment, freshwater ( 2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6 )

Limit value : 3,29 mg/kg

Limit value type : PNEC sediment, marine water ( 2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6 )

Limit value : 0,329 mg/kg

Limit value type : PNEC sewage treatment plant (STP) ( 2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6 )

Limit value : 100 mg/l

Limit value type : PNEC aquatic, freshwater ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Limit value : 0,18 mg/l

Limit value type : PNEC aquatic, marine water ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Limit value : 0,018 mg/l

Limit value type : PNEC sediment, freshwater ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Limit value : 0,981 mg/kg

Limit value type : PNEC soil, marine water ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Limit value : 0,0981 mg/kg

Limit value type : PNEC sewage treatment plant (STP) ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )

Limit value : 35,6 mg/l

Limit value type : PNEC aquatic, freshwater ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )

Limit value : 0,304 mg/l

Limit value type : PNEC aquatic, marine water ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )

Limit value : 0,0304 mg/l

## 8.2 Exposure controls



### Personal protection equipment

#### Eye/face protection

Eye glasses with side protection

#### Skin protection

##### Hand protection

**Suitable material :** Butyl caoutchouc (butyl rubber)

Thickness of the glove material : 0,7 mm

Breakthrough time (maximum wearing time) : 480 min

Recommended glove articles DIN EN 374

**Remark :** Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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

Overall

**Suitable protective clothing :** For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Chemical resistant safety shoes Only wear fitting, comfortable and clean protective clothing.

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**Required properties** : antistatic. flame-resistant heat-resistant

### Respiratory protection

Appropriate engineering controls

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

Respiratory protection necessary at: exceeding exposure limit values aerosol or mist formation. spray application

### Suitable respiratory protection apparatus

Filtering device (full mask or mouthpiece) with filter:

Filter type: A

### General health and safety measures

Wash hands before breaks and after work. Apply skin care products after work.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Physical state** : liquid

**Odour** : characteristic

### Appearance

**Colour** : colourless

### Odour threshold

No data available

### Safety relevant basis data

<b>Melting point/melting range</b> :		No data available	
<b>Initial boiling point and boiling range</b> :	( 1013 hPa )	124 - 195 °C	
<b>Decomposition temperature</b> :		No data available	
<b>Flash point</b> :		27 °C	DIN 51755 part 1
<b>Ignition temperature</b> :		280 °C	DIN 51794
<b>Lower explosion limit</b> :		1,1 Vol-%	
<b>Upper explosion limit</b> :		10,8 Vol-%	
<b>Vapour pressure</b> :	( 20 °C )	9,6 hPa	
<b>Density</b> :	( 20 °C )	0,93 g/cm <sup>3</sup>	DIN 51757
<b>Water solubility</b> :	( 20 °C )	partially miscible	
<b>pH-value</b> :	( 20 °C )	not applicable	
<b>log P O/W</b> :		No data available	
<b>Cinematic viscosity</b> :	( 40 °C )	No data available	
<b>Relative vapour density</b> :	( 20 °C )	No data available	
<b>Vapourisation rate</b> :		No data available	
<b>Maximum VOC content (EC)</b> :		100 Wt %	1999/13/EC
<b>VOC-value</b> :		930 g/l	2004/42/EC
<b>Oxidising liquids</b> :		No data available.	
<b>Explosive properties</b> :		Not determined.	

### 9.2 Other information

None

## 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.

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### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Exothermic reaction with:  
Alkali (lye). Acid Oxidising agent, strong.

### 10.6 Hazardous decomposition products

Gases/vapours, combustible

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

Parameter :	ATEmix calculated
Exposure route :	Oral
Effective dose :	not relevant
Parameter :	LD50 ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )
Exposure route :	Oral
Species :	Rat
Effective dose :	2400 mg/kg
Parameter :	LD50 ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )
Exposure route :	Oral
Species :	Mouse
Effective dose :	3200 mg/kg

##### STOT-single exposure

See section 2

##### Acute dermal toxicity

Parameter :	ATEmix calculated
Exposure route :	Dermal
Effective dose :	5729 mg/kg
Parameter :	LD50 ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )
Exposure route :	Dermal
Species :	Rat
Effective dose :	1580 mg/kg
Parameter :	ATE ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )
Exposure route :	Dermal
Effective dose :	1100 mg/kg

##### Acute inhalation toxicity

Parameter :	ATEmix calculated
Exposure route :	Inhalative (vapour)
Effective dose :	57,3 mg/l
Parameter :	LC50 ( 2-BUTOXYETHYL ACETATE ; CAS No. : 112-07-2 )
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 3,91 mg/l
Exposure time :	8 h

#### Irritant and corrosive effects

See section 2

#### Sensitisation

See section 2

#### Repeated dose toxicity (subacute, subchronic, chronic)

##### Subacute oral toxicity



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### STOT-repeated exposure

See section 2

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

#### Carcinogenicity

See section 2

#### Germ cell mutagenicity

See section 2

#### Reproductive toxicity

See section 2

### Aspiration hazard

See section 2

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

##### Acute (short-term) fish toxicity

Parameter : LC50 ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )  
Species : Pimephales promelas (fathead minnow)  
Effective dose : 18 mg/l  
Exposure time : 96 h

##### Acute (short-term) daphnia toxicity

Parameter : EC50 ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 44 mg/l  
Exposure time : 48 h

##### Chronic (long-term) daphnia toxicity

Parameter : Chronic (long-term) daphnia toxicity ( N-BUTYL ACETATE ; CAS No. : 123-86-4 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 23 mg/l  
Exposure time : 21 Day(s)

### 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

No information available.

### 12.6 Other adverse effects

No information available.

### 12.7 Additional ecotoxicological information

None

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose according to legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

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### SECTION 14: Transport information

#### 14.1 UN number

UN 1263

#### 14.2 UN proper shipping name

**Land transport (ADR/RID)**

PAINT RELATED MATERIAL

**Sea transport (IMDG)**

PAINT RELATED MATERIAL

**Air transport (ICAO-TI / IATA-DGR)**

PAINT RELATED MATERIAL

#### 14.3 Transport hazard class(es)

**Land transport (ADR/RID)**

**Class(es) :** 3  
**Classification code :** F1  
**Hazard identification number (Kemler No.) :** 30  
**Tunnel restriction code :** D/E  
**Special provisions :** LQ 5 | · E 1  
**Hazard label(s) :** 3

**Sea transport (IMDG)**

**Class(es) :** 3  
**EmS-No. :** F-E / S-E  
**Special provisions :** LQ 5 | · E 1  
**Hazard label(s) :** 3

**Air transport (ICAO-TI / IATA-DGR)**

**Class(es) :** 3  
**Special provisions :** E 1  
**Hazard label(s) :** 3

#### 14.4 Packing group

III

#### 14.5 Environmental hazards

**Land transport (ADR/RID) :** No  
**Sea transport (IMDG) :** No  
**Air transport (ICAO-TI / IATA-DGR) :** No

#### 14.6 Special precautions for user

None

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

**National regulations**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

**Water hazard class (WGK)**

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

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### 15.2 Chemical safety assessment

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

## SECTION 16: Other information

### 16.1 Indication of changes

02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 14. UN proper shipping name - Land transport (ADR/RID) · 14. UN proper shipping name - Sea transport (IMDG) · 14. UN proper shipping name - Air transport (ICAO-TI / IATA-DGR) · 14. Transport hazard class(es) - Land transport (ADR/RID) · 14. Transport hazard class(es) - Sea transport (IMDG) · 14. Transport hazard class(es) - Air transport (ICAO-TI / IATA-DGR)

### 16.2 Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
AGW = Arbeitsplatzgrenzwert  
ATE = Acute Toxicity Estimates  
DMEL = Derived Minimal Effect Levels  
DNEL = Derived No Effect Level  
H (8.2) = hautresorptiv (= absorbable through skin contact)  
IATA = International Air Transport Association  
IMDG = International Maritime Code for Dangerous Goods  
LC = Letalkonzentration  
LD50 = Lethal Dose, 50%  
MAK = Maximale Arbeitsplatzkonzentration  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
PBT = Persistent, bioaccumulative and toxic  
PNEC = Predicted No Effect Concentration  
RID = Règlement concernant le transport international ferroviaire des marchandises dangereuses  
RCP = reciprocal calculation procedure  
SVHC = Substances of Very high Concern  
STEL = Short-Time-Exposure Limit  
TWA = Time Weighted Average ( = Zeitgewichteter Durchschnittsgrenzwert für Exposition )  
VOC = volatile organic compounds  
vPvB = very persistent and very bioaccumulative  
VwVwS = Verwaltungsvorschrift wassergefährdender Stoffe  
WGK = Wassergefährdungskategorie gem. Verwaltungsvorschrift wassergefährdender Stoffe-VwVwS Y (8.2) = Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet werden

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

H226 Flammable liquid and vapour.  
H312 Harmful in contact with skin.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.

### 16.6 Training advice

None

### 16.7 Additional information

None

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

# Safety Data Sheet

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

<b>Trade name :</b>	SWIN 60-100-6 universal thinner long	<b>Version (Revision) :</b>	2.0.0 (1.0.0)
<b>Revision date :</b>	31.07.2017		
<b>Print date :</b>	15.08.2017		

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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.

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