

# Safety Data Sheet

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

Trade name : HAKUTEX 765  
Revision date : 01.03.2018  
Print date : 25-07-2018

Version (Revision) : 103.1.0 (103.0.1)

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

### 1.1 Product identifier

HAKUTEX 765

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

#### Relevant identified uses

##### Product Categories [PC]

PC9 - Coatings and paints, fillers, putties, thinners

PC35 - Washing and cleaning products (including solvent based products)

##### Sector of uses [SU]

SU3a - Industrial uses

#### Uses advised against

This product shall not be available to the general public/consumers as such. This product is not recommended for applications either than the above-identified uses.

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

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

Kluthe Benelux BV

Street : Produktieweg 8

Postal code/city : NL 2404 CC ALPHEN A/D RIJN

Telephone : +31 (0)172 - 516000

Telefax : +31 (0)172 - 439494

E-mail (competent person) : sds@kluthe.nl

### 1.4 Emergency telephone number

NL - Nationaal Vergiftigingen Informatie Centrum NVIC - Bilthoven + 31 30 274 88 88 (Uitsluitend bereikbaar voor een behandelend arts in geval van een accidentele vergiftiging) // BE - Antigifcentrum - Brussel + 32 70 245 245 (een arts beantwoordt uw oproep) // BE - Centre Anti-poison - Bruxelles + 32 70 245 245 (un médecin répondra à votre appel). // D - Antigifcentrum (Duitsland - Berlin) : +49 30 450 653565 // S - Swedish Poisons Information Center 112 begär Giftinformationscentralen // UK - Ricardo-AEA (UK) : +44 (0)870 190 6777 // DK - Poison Information Center Denmark +45 82 12 12 12 // AT (Austria) - Vergiftungsinformationszentrale der Gesundheit Österreich GmbH Notruf-Telefon: +43 1 406 43 43 // NO - Norwegian Environment Agency Tel: +47 73 58 05 00 // PL - Bureau for Chemical Substances Information Center 112 //

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Aquatic Chronic 2 ; H411 - Hazardous to the aquatic environment : Chronic 2 ; Toxic to aquatic life with long lasting effects.

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

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) · Health hazard (GHS08) · Environment (GHS09) · Exclamation mark (GHS07)

#### Signal word

Danger

#### Hazard components for labelling

HYDROCARBONS, C9, AROMATIC COMPOUNDS

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## Hazard statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

## Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P310 Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents / container to a licensed waste processing company.

## Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

## Special rules for supplemental label elements for certain mixtures

For professional use only.

## 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

HYDROCARBONS, C9, AROMATIC COMPOUNDS ; REACH registration No. : 01-2119455851-35 ; EC No. : 918-668-5  
Weight fraction :  $\geq 25 - < 50$  %  
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 STOT SE 3 ; H335 STOT SE 3 ;  
H336 Aquatic Chronic 2 ; H411

#### This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH

None

#### This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH

None

#### 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. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek 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

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

#### 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. If accidentally swallowed rinse the mouth with plenty of water (only if the person is

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conscious) and obtain immediate medical attention. Let water be drunk in little sips (dilution effect).

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

Dizziness Headache Impairment of vision Nausea 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

alcohol resistant foam Carbon dioxide (CO<sub>2</sub>) Extinguishing powder 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: Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

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

#### 5.4 Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely. Co-ordinate fire-fighting measures to the fire surroundings.

### SECTION 6: Accidental release measures

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

Use personal protection equipment. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation. See protective measures under point 8 from the MSDS.

#### 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

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

See sections 8 & 13

### SECTION 7: Handling and storage



#### 7.1 Precautions for safe handling

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.

##### Protective measures

All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists  
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 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

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Vapours/aerosols should 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 : 10

Storage class (TRGS 510) : 3

## 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls



## Personal protection equipment

### Eye/face protection

Eye glasses with side protection

### Skin protection

#### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

**Suitable material** : FKM (fluoro rubber) FKM (fluoro rubber)

**Breakthrough time (maximum wearing time)** : 480 min

**Thickness of the glove material** : 0,7 mm

**Recommended glove articles** : DIN EN 374

**Additional hand protection measures** : Check leak tightness/impermeability prior to use. Do not wear gloves near rotary machines and tools. In the case of wanting to use the gloves again, clean them before taking off and air them well.

**Remark** : 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

Lab coat. 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.

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

**Recommended material** : Natural fibres (e.g. cotton) heat-resistant synthetic fibres

### Respiratory protection

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

#### Suitable respiratory protection apparatus

DIN EN 12942:2009-02 Filtering device with filter or ventilator filtering device of type: A

## General health and safety measures

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

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Colour:** Colourless  
**Odour:** Characteristic  
**Appearance:** Clear and sediment free

#### Safety relevant basis data

<b>Physical state :</b>			Liquid	
<b>Store frost free :</b>			No	
<b>Viscosity:</b>			No data available	
<b>Melting point / range :</b>	( 1013 hPa )	<	-30	°C
<b>Boiling point / range :</b>	( 1013 hPa )		150 - 225	°C      Calculated
<b>Decomposition temperature :</b>	( 1013 hPa )		No data available	
<b>Flash point :</b>			57	°C      ASTM D 6450
<b>Ignition temperature :</b>			350	°C      Estimated
<b>Lower explosion limit :</b>		>	0,9	Vol-%      Estimated
<b>Upper explosion limit :</b>		<	7	Vol-%      Estimated
<b>Vapour pressure :</b>	( 20 °C )		0,18	kPa
<b>Density :</b>	( 20 °C )		0,988 - 1,004	g/cm <sup>3</sup>
<b>Solubility in water :</b>	( 20 °C )	<	3,2	Wt %
<b>log P O/W :</b>			No data available	
<b>Odour threshold :</b>			No data available	
<b>Vapourisation rate :</b>			No data available	
<b>Explosive properties :</b>			No data available	

### 9.2 Other information

Information on basic physical and chemical properties with no data available means not applicable due to the nature of the product.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Alkali (lye), concentrated. Acid, concentrated. Oxidising agent, strong.

### 10.6 Hazardous decomposition products

Carbon dioxide. Carbon monoxide

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

Inhalation/eye contact: in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible. Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea. May cause respiratory irritation.

#### Acute oral toxicity

Parameter :	LD50 ( HYDROCARBONS, C9, AROMATIC COMPOUNDS )
Exposure route :	Oral
Species :	Rat
Effective dose :	3492 mg/kg

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Method : OECD 401

## Acute dermal toxicity

Parameter : LD50 ( HYDROCARBONS, C9, AROMATIC COMPOUNDS )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : > 3160 mg/kg  
Method : OECD 402

## Acute inhalation toxicity

Parameter : LC50 ( HYDROCARBONS, C9, AROMATIC COMPOUNDS )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : > 6193 mg/m<sup>3</sup>  
Exposure time : 4 h  
Method : OECD 403

## Irritant and corrosive effects

### Primary irritation to the skin

No information available.

### Irritation to eyes

No information available.

### Irritation to respiratory tract

No information available.

## Sensitisation

### In case of skin contact

No information available.

### In case of inhalation

No information available.

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

### Carcinogenicity

No information available.

### Germ cell mutagenicity

No information available.

### Reproductive toxicity

No information available.

## STOT-single exposure

No information available.

## STOT-repeated exposure

No information available.

## Aspiration hazard

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

#### Biodegradation

Parameter : Biodegradation ( HYDROCARBONS, C9, AROMATIC COMPOUNDS )  
Effective dose : > 69 %  
Exposure time : 28 Dagen

### 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.

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## 12.6 Other adverse effects

No information available.

## 12.7 Additional ecotoxicological information

None

## SECTION 13: Disposal considerations

Dispose according to legislation.

### 13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code (91/689/EEC) : 14 06 03\*

### 13.2 Additional information

None

## 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 ( HYDROCARBONS, C9, AROMATIC COMPOUNDS )

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 / N

Sea transport (IMDG)

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



3 / N

Air transport (ICAO-TI / IATA-DGR)

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



3

### 14.4 Packing group

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## 14.5 Environmental hazards

Land transport (ADR/RID) : Yes  
Sea transport (IMDG) : Yes (P)  
Air transport (ICAO-TI / IATA-DGR) : Yes

## 14.6 Special precautions for user

None

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

Not applicable

## 14.8 Additional information

Inland waterway craft (ADN) : No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

##### Other regulations, restrictions and prohibition regulations

The restrictions mentioned in Annex XVII to Regulation (EC) No 1907/2006 must be taken into account.

#### International regulatory information

This product contains max.: 472 g/l VOC

### 15.2 Chemical safety assessment

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

## SECTION 16: Other information

### 16.1 Indication of changes

11. Primary irritation to the skin · 11. Irritation to eyes · 11. Irritation to respiratory tract · 11. Sensitisation - In case of skin contact · 11. Sensitisation - In case of inhalation · 11. Carcinogenicity · 11. Germ cell mutagenicity · 11. Reproductive toxicity · 11. STOT-single exposure · 11. STOT-repeated exposure · 11. Aspiration hazard

### 16.2 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).

ABM Algemene Beoordelings Methodiek

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

AC Article category

CSR Chemical safety report

CAS Chemical Abstracts Service

CLP Classification Labelling Packaging

DIN Duitse Institut voor Normen

DMEL Derived minimum effect level

DNEL Derived No-Effect Level

DU Downstream user

DU-CSA Downstream user chemical safety assessment

ECHA European Chemicals Agency

EC50 Half maximal effective concentration

EINECS European Inventory of Existing Commercial Chemical Substances

ERC Environmental release class

ES Exposure scenario

ESD Emission scenario document

EWC European waste Catalogue

EWL European waste list

GHS Globally Harmonised System

IMDG International Maritime Dangerous Goods Code

ISO International Standards Organisation

LC50 Median lethal concentration. The concentration causing 50 % lethality

LD50 Median lethal dose. The dose causing 50 % lethality



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LEL Lower Explosion Limit  
NOAEL No observed adverse effect level  
NOEC No observed effect concentration  
NOEL No observed effect level  
OC Operational condition  
OEL Occupational exposure Limits  
PC Chemical product category  
PBT Persistent, bioaccumulative, toxic  
PNEC Predicted no-effect concentration  
PPE Personal protection equipment  
PROC Process category  
RMM Risk management measure  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals  
SDS Safety data sheet  
STEL Short-term Exposure limit  
SU Sectors of use  
SVHC Substances of very high concern  
UC Use category  
UN United Nations  
VIB Veiligheidsinformatieblad  
vPvB Very persistent and very bioaccumulative  
ZZS Zeer Zorgwekkende Stoffen

## 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 of the substance or mixture according to Regulation (EC) No 1272/2008 [CLP] by calculation method via software.

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

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

## 16.6 Training advice

None

## 16.7 Additional information

We have no knowledge or control over the user's working conditions however. The user is responsible for the observance of all required statutory provisions. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.

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.