

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

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

### 1.1 Product identifier

- Trade name: **Wax Stripper**
- Article number: 10816, 10817, 10818
- UFI: DXV8-T5RJ-0016-KC0N

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

No further relevant information available.

### Application of the substance / the mixture

Cleaning agent/ Cleaner

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

- Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH  
Lechstrasse 28  
D 90451 Nürnberg
- Tel. +49(0)911-642960  
Fax. +49(0)911-644456  
e-mail info@akemi.de

### Further information obtainable from:

Laboratory

### 1.4 Emergency telephone number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH  
Tel. +49(0)911-64296-59  
Reachable during the following office hours:  
Monday – Thursday from 07:30 a.m. to 16:30 p.m.  
Friday from 07:30 a.m. to 13:30 p.m.  
+44 (171) 635 91 91  
National Poison Inform. Centre  
Medical Toxicology Unit  
Avalonley Road  
London SE14 5ER

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 4 H413 May cause long lasting harmful effects to aquatic life.

### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms

The product is classified and labelled according to the CLP regulation.



GHS08

### Signal word

Danger

### Hazard-determining components of labelling:

Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics  
Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics  
Hydrocarbons, C11-C14 isoalkanes, cycloalkanes, <2% aromatics  
H304 May be fatal if swallowed and enters airways.  
H413 May cause long lasting harmful effects to aquatic life.

### Hazard statements

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

(Contd. on page 2)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name:** Wax Stripper

(Contd. of page 1)

- P260 Do not breathe mist/vapours/spray.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves / eye protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P331 Do NOT induce vomiting.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· Additional information:· **2.3 Other hazards**· Results of PBT and vPvB assessment· PBT: Not applicable.· vPvB: Not applicable.**SECTION 3: Composition/information on ingredients**· **3.2 Chemical characterisation: Mixtures**· Description: Mixture of substances listed below with nonhazardous additions.· Dangerous components:

EC number: 918-167-1 Reg.nr.: 01-2119472146-39-xxxx	Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics ☠ Asp. Tox. 1, H304 Aquatic Chronic 4, H413	50-100%
EC number: 920-901-0 Reg.nr.: 01-2119456810-40-xxxx	Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics ☠ Asp. Tox. 1, H304	12.5-25%
EC number: 927-285-2 Reg.nr.: 01-2119480162-45	Hydrocarbons, C11-C14 isoalkanes, cycloalkanes, <2% aromatics ☠ Asp. Tox. 1, H304	12.5-25%
CAS: 68439-50-9	Alcohols, C12-14, ethoxylated ⚠ Aquatic Acute 1, H400 ⚠ Eye Irrit. 2, H319 Aquatic Chronic 3, H412	1-5%

· Regulation (EC) No 648/2004 on detergents / Labelling for contents

aliphatic hydrocarbons

≥30%

· Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures**· **4.1 Description of first aid measures**

- After inhalation: Supply fresh air; consult doctor in case of complaints.  
 · After skin contact: Immediately wash with water and soap and rinse thoroughly.  
 · After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures**· **5.1 Extinguishing media**· Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

(Contd. on page 3)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name:** Wax Stripper

(Contd. of page 2)

- **5.2 Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- Protective equipment: Wear self-contained respiratory protective device.
- Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections** See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- Information about fire - and explosion protection: No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- Storage class: 10
- **7.3 Specific end use(s)** No further relevant information available.

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

- Additional information about design of technical facilities: No further data; see item 7.
- **8.1 Control parameters**
- Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- Personal protective equipment:
- General protective and hygienic measures: Do not eat, drink, smoke or sniff while working.  
Use skin protection cream for skin protection.

(Contd. on page 4)

GB

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name: Wax Stripper**

(Contd. of page 3)

- Respiratory protection:
- Protection of hands:

Clean skin thoroughly immediately after handling the product.  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes.  
 Avoid contact with the eyes and skin.  
 Not required.  
 Preventive skin protection by use of skin-protecting agents is recommended.  
 After use of gloves apply skin-cleaning agents and skin cosmetics.  
 Skin protection agent recommendation for preventive skin shelter without use of protective gloves:  
 STOKODERM (<http://www.stoko.com>)  
 Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:  
 STOKO EMULSION (<http://www.stoko.com>)  
 Skin protection recommendation for skin cleaning after product handling:  
 FRAPANTOL (<http://www.stoko.com>)  
 Skin protection agent recommendation for skin aftercare:  
 STOKO VITAN (<http://www.stoko.com>)  
 The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory analyses of the company KCL GmbH in compliance with EN374.  
 This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: <http://www.kcl.de>).

**Protective gloves**

- Material of gloves

Butyl rubber, BR  
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material

Value for the permeation: Level ≤ 6, 480 min  
 The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- For the permanent contact gloves made of the following materials are suitable:

Butyl rubber, BR  
 Butoject (KCL, Art\_No. 897, 898)

- As protection from splashes gloves made of the following materials are suitable:

Fluorocarbon rubber (Viton)  
 Vitoject (KCL, Art\_No. 890)

(Contd. on page 5)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name:** Wax Stripper

(Contd. of page 4)

Nitrile rubber, NBR  
 Camatril (KCL, 730, 731, 732, 733)  
 Natural rubber, NR  
 Combi-Latex (KCL, Art\_No. 395)  
 Neoprene gloves  
 Nitopren (KCL, Art\_No. 717)

· Not suitable are gloves made of the following materials:

Leather gloves  
 Strong material gloves

· Eye protection:



Tightly sealed goggles

· Body protection:

Protective work clothing

### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

Form: Fluid

Colour: Clear

· Odour: Mild

##### · Change in condition

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: >182 °C

· Flash point: 63 °C

· Ignition temperature: 370 °C

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

##### · Explosion limits:

Lower: 0.9 Vol %

Upper: 8 Vol %

· Vapour pressure at 20 °C: 0.1 hPa

· Density at 20 °C: 0.76 g/cm<sup>3</sup>

##### · Solubility in / Miscibility with

water: Not miscible or difficult to mix.

##### · Viscosity:

Dynamic: Not determined.

Kinematic at 20 °C: 1.9 mm<sup>2</sup>/s

##### · Solvent content:

Organic solvents: 95.0 %

· **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

#### · **10.1 Reactivity**

No further relevant information available.

#### · **10.2 Chemical stability**

##### · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

(Contd. on page 6)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name:** Wax Stripper

(Contd. of page 5)

- **10.3 Possibility of hazardous reactions**  
Reacts with strong acids and alkali.  
Reacts with strong oxidising agents.
- **10.4 Conditions to avoid**  
No further relevant information available.
- **10.5 Incompatible materials:**  
No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- Acute toxicity Based on available data, the classification criteria are not met.

## · LD/LC50 values relevant for classification:

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)

**Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)

**Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4h	2.5 mg/m <sup>3</sup> (rat)
	LC50/8h	>5,000 ppm (rat)
	NOAEC	1,000 mg/l (rat)

**Hydrocarbons, C11-C14 isoalkanes, cycloalkanes, <2% aromatics**

Oral	LD50	>5,000 mg/kg (rat)
	NOAEL-Werte	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	NOAEL	>10,400 mg/m <sup>3</sup> (rat)

**68439-50-9 Alcohols, C12-14, ethoxylated**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)

- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard May be fatal if swallowed and enters airways.

**SECTION 12: Ecological information**· **12.1 Toxicity**

## · Aquatic toxicity:

EL0/48h	1,000 mg/l (daphnia magna)
---------	----------------------------

(Contd. on page 7)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name:** Wax Stripper

(Contd. of page 6)

EL0/72h	1,000 mg/l (Pseudokirchneriella subcapitata)
LL0/96h	1,000 mg/l (Oncorhynchus mykiss)
NOELR/72h	1,000 mg/l (Pseudokirchneriella subcapitata)
NOEC/21d	0.011 mg/l (daphnia magna)
NOELR/21d	1 mg/l (daphnia magna)
NOELR/28d	0.103 mg/l (piscis)

**Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics**

EL0/48h	1,000 mg/l (daphnia magna)
EL0/72h	1,000 mg/l (Pseudokirchneriella subcapitata)
LL0/96h	1,000 mg/l (Oncorhynchus mykiss)
NOELR/72h	1,000 mg/l (Pseudokirchneriella subcapitata)
NOELR/21d	1 mg/l (daphnia magna)

**Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics**

EC50/48h	>1,000 mg/l (daphnia magna)
ErC50/72h	>1,000 mg/l (Pseudokirchneriella subcapitata)
EL0/48h	1,000 mg/l (daphnia magna)
LL0/96h	1,000 mg/l (Oncorhynchus mykiss)
NOELR/72h	1,000 mg/l (Pseudokirchneriella subcapitata)
EC50/72h	>1,000 mg/l (green alge)
LC50/96h	>1,000 mg/l (Oncorhynchus mykiss)

**Hydrocarbons, C11-C14 isoalkanes, cycloalkanes, <2% aromatics**

EL50/72h	>1,000 mg/l (green alge)
LL50/96h	>1,000 mg/l (piscis)
NOELR/21d	1 mg/l (daphnia magna)
NOELR/28d	0.103 mg/l (piscis)

**68439-50-9 Alcohols, C12-14, ethoxylated**

EC50/48h	>0.1-<1 mg/l (daphnia magna)
NOEC	>0.1-<1 mg/kg (green alge)
LC50/96h	>1-<10 mg/l (Brachydanio rerio)

- **12.2 Persistence and degradability**

No further relevant information available.

- **12.3 Bioaccumulative potential**

No further relevant information available.

- **12.4 Mobility in soil**

No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Do not allow product to reach ground water, water course or sewage system.  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

- **12.5 Results of PBT and vPvB assessment**

- PBT: Not applicable.

- vPvB: Not applicable.

- **12.6 Other adverse effects**

No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 8)

GB

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name:** Wax Stripper

(Contd. of page 7)

· <u>European waste catalogue</u>	
20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00	separately collected fractions (except 15 01)
20 01 13*	solvents

· Uncleaned packaging:· Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**SECTION 14: Transport information**

· <b>14.1 UN-Number</b>	
· ADR, ADN, IMDG, IATA	Void
· <b>14.2 UN proper shipping name</b>	
· ADR, ADN, IMDG, IATA	Void
· <b>14.3 Transport hazard class(es)</b>	
· ADR, ADN, IMDG, IATA	
· <u>Class</u>	Void
· <b>14.4 Packing group</b>	
· ADR, IMDG, IATA	Void
· <b>14.5 Environmental hazards:</b>	
· <u>Marine pollutant:</u>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <u>Transport/Additional information:</u>	Not dangerous according to the above specifications.
· <u>UN "Model Regulation":</u>	Void

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I

None of the ingredients is listed.

· REGULATION (EC) No 1907/2006 ANNEX XVII

Conditions of restriction: 3

· National regulations:· Waterhazard class:

Water hazard class 2 (Self-assessment): hazardous for water.

· VOC EU

722.0 g/l

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

(Contd. on page 9)



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.11.2019

Version number 8

Revision: 15.11.2019

**Trade name: Wax Stripper**

(Contd. of page 8)

- Recommended restriction of use
  - Department issuing SDS:
  - Contact:
  - Abbreviations and acronyms:
- H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.  
H413 May cause long lasting harmful effects to aquatic life.  
refer to Technical Data Sheet (TDS)
- Laboratory  
Dieter Zimmermann  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organisation  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3  
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4
- \* Data compared to the previous version altered.
- Adaptation in accordance with REACH directive 1907/2006/EC

GB