

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|---------|----------------|---------------------------------|-------------------|
| Version | Revision Date: | Date of last issue: 2020-03-12 | Print Date: 2021- |
| 2.2 | 2021-02-09 | Date of first issue: 2016-06-30 | 02-09 |

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

1.1 Product identifier

Product name : UNISILKON GLK 112

Article-No. : 022169

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

Use of the Sub-
stance/Mixture : Grease

Recommended restrictions
on use : For professional users only.

1.3 Details of the supplier of the safety data sheet

Company : Klüber Lubrication München
Geisenhausenerstr. 7
81379 München
Deutschland
Tel: +49 (0) 89 7876 0
Fax: +49 (0) 89 7876 333
info@klueber.com

E-mail address of person
responsible for the SDS : mcm@klueber.com
Material Compliance Management

National contact : Klüber Lubrication Nordic A/S
Vasagatan 36
111 20 Stockholm
Sweden
Tel: +46 8 59098600
Fax: +46 8 59098601
klueber.se@se.klueber.com

1.4 Emergency telephone number

Emergency telephone num-
ber : 112 - ask for poison information
+49 89 7876 700 (24 hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling

EUH210 Safety data sheet available on request.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : silicone oil
special lithium soap

Components

| Chemical name | CAS-No. EC-No. Index-No. Registration number | Classification | Concentration limits M-Factor Notes | Concentration (% w/w) |
|--|---|-------------------|--|--------------------------|
| dilithium azelate | 38900-29-7 254-184-4 01-2120119814-57-XXXX 01-2120119814-57-XXXX 01-2120119814-57-XXXX 01-2120119814-57-XXXX | Acute Tox.4; H302 | | >= 1 - < 10 |
| Substances with a workplace exposure limit : | | | | |
| lithium 12-hydroxystearate | 7620-77-1 231-536-5 01-2119970893-23-XXXX 01-2119970893-23-XXXX 01-2119970893-23-XXXX 01-2119970893-23-XXXX | Not classified | | >= 10 - < 20 |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- | | |
|-------------------------|--|
| If inhaled | : Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. |
| In case of skin contact | : Remove contaminated clothing. If irritation develops, get medical attention. Wash off with soap and water. |
| In case of eye contact | : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If eye irritation persists, consult a specialist. |
| If swallowed | : Move the victim to fresh air. Do not induce vomiting without medical advice. |

4.2 Most important symptoms and effects, both acute and delayed

- | | |
|----------|-----------------------------|
| Symptoms | : No information available. |
| Risks | : None known. |

4.3 Indication of any immediate medical attention and special treatment needed

- | | |
|-----------|-----------------------------|
| Treatment | : No information available. |
|-----------|-----------------------------|

SECTION 5: Firefighting measures

5.1 Extinguishing media

- | | |
|--------------------------------|--|
| Suitable extinguishing media | : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | : High volume water jet |

5.2 Special hazards arising from the substance or mixture

- | | |
|-------------------------------|---------------------------------|
| Hazardous combustion products | : Carbon oxides Metal oxides |
|-------------------------------|---------------------------------|

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Evacuate personnel to safe areas.
Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).
Do not breathe vapours, aerosols.
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.
Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Clean up promptly by sweeping or vacuum.
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Wash hands and face before breaks and immediately after handling the product.

Hygiene measures : Wash face, hands and any exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Containers

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with the particular national regulations. Keep in properly labelled containers.

7.3 Specific end use(s)

Specific use(s) : Specific instructions for handling, not required.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|----------------------------|-----------|-------------------------------|---------------------|---------------------|
| lithium 12-hydroxystearate | 7620-77-1 | NGV (Total dust) | 5 mg/m ³ | SE AFS (2018-02-19) |

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|-------------------|---------|-----------------|----------------------------|--------------------------|
| dilithium azelate | Workers | Dermal | Long-term systemic effects | 13,5 mg/kg bw/day |
| | Workers | Dermal | Long-term local effects | 0,172 mg/cm ² |

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name | Environmental Compartment | Value |
|-------------------|---------------------------|------------|
| dilithium azelate | Fresh water | 0,023 mg/l |
| | Marine water | 0,002 mg/l |

8.2 Exposure controls

Engineering measures

none

Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection

Material : Nitrile rubber
Break through time : > 10 min
Protective index : Class 1

Remarks : For prolonged or repeated contact use protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

derived from it.

| | | |
|------------------------|---|---|
| Respiratory protection | : | Not required; except in case of aerosol formation. |
| Filter type | : | Filter type P |
| Protective measures | : | The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | | |
|--|---|--|
| Appearance | : | paste |
| Colour | : | white |
| Odour | : | characteristic |
| Odour Threshold | : | No data available |
| pH | : | Not applicable |
| Melting point/range | : | No data available |
| Boiling point/boiling range | : | No data available |
| Flash point | : | Not applicable |
| Evaporation rate | : | No data available |
| Flammability (solid, gas) | : | Combustible Solids |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Vapour pressure | : | < 0,001 hPa (20 °C) |
| Relative vapour density | : | No data available |
| Relative density | : | 0,96 (20 °C) Reference substance: Water |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

The value is calculated

| | | |
|--|---|-----------------------------------|
| Density | : | 0,96 g/cm ³ (20 °C) |
| Bulk density | : | No data available |
| Solubility(ies) | : | |
| Water solubility | : | insoluble |
| Solubility in other solvents | : | No data available |
| Partition coefficient: n-octanol/water | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity | : | |
| Viscosity, dynamic | : | No data available |
| Viscosity, kinematic | : | No data available |
| Explosive properties | : | Not explosive |
| Oxidizing properties | : | No data available |

9.2 Other information

| | | |
|-------------------|---|-------------------|
| Sublimation point | : | No data available |
| Self-ignition | : | No data available |

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

| | | |
|---------------------|---|---|
| Hazardous reactions | : | No dangerous reaction known under conditions of normal use. |
|---------------------|---|---|

10.4 Conditions to avoid

| | | |
|---------------------|---|--|
| Conditions to avoid | : | No conditions to be specially mentioned. |
|---------------------|---|--|

10.5 Incompatible materials

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

Materials to avoid : No materials to be especially mentioned.

10.6 Hazardous decomposition products

Hazardous decomposition products : >150 °C small quantities of formaldehyde may be formed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Remarks: This information is not available.

Acute dermal toxicity : Remarks: This information is not available.

Components:

dilithium azelate:

Acute oral toxicity : LD50 (Rat): > 300 mg/kg
Method: OECD Test Guideline 420
GLP: yes

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

lithium 12-hydroxystearate:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rabbit): > 3.000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Product:

Remarks : This information is not available.

Components:

dilithium azelate:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

Assessment : No skin irritation
Result : No skin irritation

lithium 12-hydroxystearate:

Assessment : No skin irritation
Method : OECD Test Guideline 439
Result : No skin irritation

Serious eye damage/eye irritation

Product:

Remarks : This information is not available.

Components:

dilithium azelate:

Species : Rabbit
Assessment : No eye irritation
Result : No eye irritation

lithium 12-hydroxystearate:

Species : Rabbit
Assessment : No eye irritation
Method : OECD Test Guideline 405
Result : No eye irritation

Respiratory or skin sensitisation

Product:

Remarks : This information is not available.

Components:

dilithium azelate:

Assessment : Does not cause skin sensitisation.
Result : Does not cause skin sensitisation.

lithium 12-hydroxystearate:

Exposure routes : Dermal
Species : Mouse
Method : OECD Test Guideline 429
Result : negative

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

Genotoxicity in vivo : Remarks: No data available

Carcinogenicity

Product:

Remarks : No data available

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

STOT - single exposure

Components:

dilithium azelate:

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Components:

dilithium azelate:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Repeated dose toxicity

Product:

Remarks : This information is not available.

Aspiration toxicity

Product:

This information is not available.

Components:

dilithium azelate:

No aspiration toxicity classification

Further information

Product:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

Remarks : Information given is based on data on the components and the toxicology of similar products.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Toxicity to algae/aquatic plants : Remarks: No data available

Toxicity to microorganisms : Remarks: No data available

Components:

dilithium azelate:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

lithium 12-hydroxystearate:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
Exposure time: 96 h
Test Type: semi-static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): > 160 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 160 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: No data available

Components:

lithium 12-hydroxystearate:

Biodegradability : Test Type: Primary biodegradation
Inoculum: activated sludge
Result: rapidly biodegradable
Biodegradation: 74,7 %
Exposure time: 28 d
Method: OECD Test Guideline 301C

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

Components:

dilithium azelate:

Bioaccumulation : Bioconcentration factor (BCF): 3,0

Partition coefficient: n-octanol/water : log Pow: -3,56

lithium 12-hydroxystearate:

Partition coefficient: n-octanol/water : log Pow: 2,6

12.4 Mobility in soil

Product:

Mobility : Remarks: No data available

Distribution among environmental compartments : Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information : No information on ecology is available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.

Waste codes should be assigned by the user based on the application for which the product was used.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as the unused product.
Dispose of waste product or used containers according to local regulations.

The following Waste Codes are only suggestions:

Waste Code : used product, unused product
12 01 12*, spent waxes and fats

uncleaned packagings
15 01 10, packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

| | |
|------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

14.3 Transport hazard class(es)

| | |
|------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

14.4 Packing group

| | |
|------------------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA (Cargo) | : Not regulated as a dangerous good |
| IATA (Passenger) | : Not regulated as a dangerous good |

14.5 Environmental hazards

| | |
|------------------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA (Passenger) | : Not regulated as a dangerous good |
| IATA (Cargo) | : Not regulated as a dangerous good |

14.6 Special precautions for user

Not applicable

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

| | |
|---------|---|
| Remarks | : Not applicable for product as supplied. |
|---------|---|

SECTION 15: Regulatory information

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

| | |
|---|--|
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : This product does not contain substances of very high concern (Regu- |
|---|--|

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|----------------|------------------------------|---|------------------------|
| Version 2.2 | Revision Date: 2021-02-09 | Date of last issue: 2020-03-12 Date of first issue: 2016-06-30 | Print Date: 2021-02-09 |
|----------------|------------------------------|---|------------------------|

| | | |
|---|---|---|
| REACH - List of substances subject to authorisation (Annex XIV) | : | Not applicable |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer | : | Not applicable |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast) | : | Not applicable |
| Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals | : | Not applicable |
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) | : | Not applicable |
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable | | |
| Volatile organic compounds | : | Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0,1 % |

Other regulations:

Hygiene limits (AFS 2018:1), provisions - Occupational Safety and Health Administration's provisions on hygiene limits and general advice on the application of the provisions.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: Other information

Full text of H-Statements

H302 : Harmful if swallowed.

Full text of other abbreviations

| | | |
|--------------|---|--|
| SE AFS | : | Sweden. Occupational Exposure Limit Values |
| SE AFS / NGV | : | Time Weighted Average |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regula-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|---------|----------------|---------------------------------|-------------------|
| Version | Revision Date: | Date of last issue: 2020-03-12 | Print Date: 2021- |
| 2.2 | 2021-02-09 | Date of first issue: 2016-06-30 | 02-09 |

tion; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

This safety data sheet applies only to products as originally packed and labelled. The information contained therein may not be reproduced or modified without our express written permission. Any forwarding of this document is only permitted to the extent required by law. Any further, in particular public, dissemination of the safety data sheet (e.g. as a document for download from the Internet) is not permitted without our express written consent. We provide our customers with amended safety data sheets as prescribed by law. The customer is responsible for passing on safety data sheets and any amendments contained therein to its own customers, employees and other users of the product. We provide no guarantee that safety data sheets received by users from third parties are up-to-date. All information and instructions in this safety data sheet have been compiled to the best of our knowledge and are based on the information available to us on the day of publication. The information provided is intended to describe the product in relation to the required safety measures; it is neither an assurance of characteristics nor a guarantee of the product's suitability for particular applications and does not justify any contractual legal relationship. The existence of a safety data sheet for a particular jurisdiction does not necessarily mean that import or use within that jurisdiction is legally permitted. If you have any questions, please contact your responsible sales contact or authorized trading partner.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - SE



UNISILKON GLK 112

| | | | |
|---------|----------------|---------------------------------|-------------------|
| Version | Revision Date: | Date of last issue: 2020-03-12 | Print Date: 2021- |
| 2.2 | 2021-02-09 | Date of first issue: 2016-06-30 | 02-09 |
