

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

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

· **1.1 Product identifier**

· **Trade name:** Kleber SKL 65

· **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** Epoxy resin adhesive

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Spengler Fluorkunststoffe GmbH & Co. KG

Buchenring 20

D-42281 Wuppertal

Tel.: +49 202 8702790

Fax: +49 202 8702786

Website: www.sp-ptfe.de

e-Mail: info@sp-ptfe.de

· **Informing department:**

Phone: +49 202 8702790

Fax.: +49 202 8702786

· **1.4 Emergency telephone number:** Phone +49 202 8702790

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

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

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 1)

Hazard pictograms

GHS05 GHS07 GHS09

Signal word Danger**Hazard-determining components of labelling:**

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)

1,4-bis(2,3-epoxypropoxy)butane

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Bis(2,3-epoxypropyl)terephthalate

tris(oxiranylmethyl)benzene-1,2,4-tricarboxylate

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local / regional / national / international regulations.

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 the substances listed below including additives not requiring identification.**Dangerous components:**

CAS: 25068-38-6 NLP: 500-033-5 Reg.nr.: 01-2119456619-26-X	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700) ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	25 - 50%
CAS: 9003-36-5 NLP: 500-006-8 Reg.nr.: 01-2119454392-40-X	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	10%
CAS: 2425-79-8 EINECS: 219-371-7 Reg.nr.: 01-2119494060-45-X	1,4-bis(2,3-epoxypropoxy)butane ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1A, H317; Aquatic Chronic 3, H412	< 2.5%

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 2)

CAS: 7195-44-0 EINECS: 230-565-0 Reg.nr.: 01-2119909640-43-X	Bis(2,3-epoxypropyl)terephthalate ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥ 1 - < 2.5%
CAS: 7237-83-4 EINECS: 230-638-7 Reg.nr.: 01-2119912714-41-X	tris(oxiranylmethyl)benzene-1,2,4-tricarboxylate ☠ Aquatic Chronic 2, H411; ⚠ Eye Irrit. 2, H319; Skin Sens. 1, H317	< 2.5%

• **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**
- **General information** Instantly remove any clothing contaminated by the product.
- **After inhalation**
Move person to fresh air.
Call a doctor immediately.
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
In case of skin irritations or sensitizing effects, consult doctor.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**
Rinse out mouth and then drink plenty of water.
Instantly call for doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
Allergic reactions
eye irritation
- **4.3 Indication of any immediate medical attention and special treatment needed**
A symptomatic therapy is to be induced.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Do not inhale smoke and combustion products.
During incomplete combustion carbon monoxide can be formed.
Can be released in case of fire:
Nitrogen oxides (NO_x)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**
Collect contaminated fire fighting water separately. It must not enter drains. Provide sufficient fire fighting water retention.
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**
Ensure adequate ventilation
Wear protective clothing.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 3)

Inform respective authorities in case product reaches water or sewage system.

- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.
- **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 information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle container with care.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store only in unopened original containers.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed containers.
Storage between 2 and 40 °C.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components 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.

- **DNELs**

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)

Oral	DNEL (consumer, short-term, systemic)	0.75 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	0.75 mg/kg bw/day (human)
Dermal	DNEL (worker, short-term, systemic)	8.33 mg/kg bw/day (human)
	DNEL (worker, long-term, systemic)	8.33 mg/kg bw/day (human)
Inhalative	DNEL (consumer, short-term, systemic)	3.571 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	3.571 mg/kg bw/day (human)
	DNEL (worker, short-term, systemic)	12.25 mg/m ³ (human)
	DNEL (worker, long-term, systemic)	12.25 mg/m ³ (human)

9003-36-5 Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Oral	DNEL (consumer, long-term, systemic)	6.25 mg/kg bw/day (human)
Dermal	DNEL (worker, long-term, systemic)	104.15 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	62.5 mg/kg bw/day (human)
Inhalative	DNEL (worker, long-term, systemic)	29.39 mg/m ³ (human)
	DNEL (consumer, long-term, systemic)	8.7 mg/m ³ (human)

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 4)

· PNECs**25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)**

PNEC aqua (freshwater)	0.006 mg/L (.)
PNEC aqua (marine water)	0.0006 mg/L (.)
PNEC STP	10 mg/L (.)
PNEC soil	0.196 mg/kg soil dw (.)
PNEC sediment (freshwater)	0.996 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.0996 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	0.018 mg/L (.)
PNEC oral	11 mg/kg food (.)

9003-36-5 Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

PNEC aqua (freshwater)	0.003 mg/L (.)
PNEC aqua (marine water)	0.0003 mg/L (.)
PNEC STP	10 mg/L (.)
PNEC soil	0.237 mg/kg soil dw (.)
PNEC sediment (freshwater)	0.294 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.0294 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	0.0254 mg/L (.)

· **Additional information:** The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls**· Personal protective equipment****· General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.

Take off all contaminated clothing immediately.

Do not eat or drink while working.

Do not inhale gases / fumes / aerosols.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

· Breathing equipment:

Provide plenty of fresh air.

Use breathing protection in case of insufficient ventilation.

Filter P3.

· Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

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

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 5)

In case of a layer thickness of 0.33 mm the penetration time is longer than 480 minutes.

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

Chloroprene rubber, CR

Nitrile rubber, NBR

- **Eye protection:**



Tightly sealed safety glasses.

- **Body protection:** Impervious protective clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Pasty

Colour: Beige

· **Odour:** Light

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

- **Change in condition**

Melting point/freezing point: Not determined

Initial boiling point and boiling range: > 200 °C

· **Flash point:** 110 °C

· **Inflammability (solid, gaseous)** Not applicable.

· **Ignition temperature:** > 370 °C

· **Decomposition temperature:** Not determined.

· **Self-inflammability:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive.

- **Critical values for explosion:**

Lower: Not determined.

Upper: Not determined.

· **Vapour pressure at 20 °C:** 0.1 Pa

· **Density at 25 °C** 1.7 g/cm³

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix

· **Partition coefficient: n-octanol/water:** Not determined.

- **Viscosity:**

dynamic at 25 °C: 200 - 700 Pas

kinematic: Not determined.

- **Solvent content:**

- **Organic solvents:**

VOC EU 0 %

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 6)

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.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Acids, bases, oxidizers.
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Poisonous gases/vapours
Nitrogen oxides (NOx)

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 that are relevant for classification:

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)

Oral	LD50	> 2,000 mg/kg (rat) (OECD 420) 19,800 mg/kg (rabbit)
Dermal	LD50	> 23,000 mg/kg (rabbit)

9003-36-5 Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Oral	LD50	> 5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 2,000 mg/kg (rat) (OECD 402)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.

Repeated dose toxicity

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)

Oral	NOAEL (90d)	50 mg/kg bw/day (rat) (OECD 408)
Dermal	NOAEL (90d)	100 mg/kg bw/day (mouse) (OECD 411)

9003-36-5 Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Oral	NOAEL (90d)	250 mg/kg bw/day (rat) (OECD 408)
------	-------------	-----------------------------------

- **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.

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 7)

- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)

EC50 (static) 2.7 mg/l/48h (Daphnia magna) (EPA-660/3-75-009)

LC50 220 mg/l/96h (Algae)

1.75 mg/l/96h (Oncorhynchus mykiss) (OECD 203)

9003-36-5 Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

EC50 (static) > 1,000 mg/l/48h (Daphnia magna) (OECD 202)

LC50 > 1,000 mg/l/96h (Oncorhynchus mykiss) (OECD 203)

- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

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

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

- **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 be specially treated under adherence to official regulations.

The waste code numbers mentioned are recommendations based on the probable use of the product.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
----------	---

08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
----------	---

08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
-----------	--

- **Uncleaned packagings:**

- **Recommendation:**

Non contaminated packagings can be used for recycling.

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

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

GB

(Contd. on page 9)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.07.2018



Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 8)

SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN-Number · ADR, IMDG, IATA 	UN3082
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR · IMDG · IATA 	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR 	
	
<ul style="list-style-type: none"> · Class · Label 	9 (M6) Miscellaneous dangerous substances and articles. 9
<ul style="list-style-type: none"> · IMDG, IATA 	
	
<ul style="list-style-type: none"> · Class · Label 	9 Miscellaneous dangerous substances and articles. 9
<ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA 	III
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR): · Special marking (IATA): 	Product contains environmentally hazardous substances: EPOXY RESIN Yes Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
<ul style="list-style-type: none"> · 14.6 Special precautions for user · Kemler Number: · EMS Number: · Stowage Category 	Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F A
<ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: 	
<ul style="list-style-type: none"> · ADR · Limited quantities (LQ) · Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 9)

· Transport category	3
· Tunnel restriction code	E
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

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.
 - **Seveso category E2** Hazardous to the Aquatic Environment
 - **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
 - **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
 - **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
 - **National regulations**
 - **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
 - **Substances of very high concern (SVHC) according to REACH, Article 57**
- None of the ingredients is contained.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
 - H302 Harmful if swallowed.
 - H312 Harmful in contact with skin.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H332 Harmful if inhaled.
 - H411 Toxic to aquatic life with long lasting effects.
 - H412 Harmful to aquatic life with long lasting effects.
- **Department issuing data specification sheet:**

This Material Safety Data Sheet has been drawn up in cooperation with:
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
phone: (+49) 511 42079 - 0, reach@dekra.com.
© DEKRA Assurance Services GmbH. Changing this documents is subject to explicit acceptance by DEKRA Assurance Services GmbH.
- **Abbreviations and acronyms:**
 - 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)
 - DNEL: Derived No-Effect Level (REACH)
 - PNEC: Predicted No-Effect Concentration (REACH)

(Contd. on page 11)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

Trade name: Kleber SKL 65

(Contd. from page 10)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

• *** Data compared to the previous version altered.**

GB