

Printing date 14.10.2025 Version number 19 Revision: 14.10.2025

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

- · 1.1 Product identifier
- · Trade name: FloorBridge®Finish 20 transparent
- 1.2 Relevant identified uses of the substance or mixture and uses advised against See Section 16
- · Application of the substance / the mixture Sealing
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

FloorBridge International GmbH Gewerbepark 21 A 4101 Feldkirchen an der Donau

Phone: +43 7233 200 30

Further information obtainable from:

Mrs Lisa Enzenberger Phone: +43 7233 200 30 18

Email: lisa.enzenberger@floorbridge.com Monday - Thursday from 07.00 - 16.30 o'clock

Friday from 07.00 - 12.00 o'clock **Emergency telephone number:** 

Poisoning Information Centre Vienna Emergency number: +43 1 406 43 43

## **SECTION 2: Hazards identification**

- · 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



H315 Causes skin irritation. Skin Irrit. 2

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

STOT SE 3 H335 May cause respiratory irritation.

- · 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008

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

**Hazard pictograms** 





GHS02 GHS07

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

Methyl methacrylate 2-Ethylhexyl acrylate diethanol-p-toluidine

**Hazard statements** 

H225 Highly flammable liquid and vapour.



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H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.

**Precautionary statements** 

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P261 Avoid breathing vapours.

P280 Wear protective clothing/ eye protection.

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

water or shower.

P312 Call a POISON CENTER/ doctor if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT:** Does not meet the PBT-criteria of Annex XIII of UK REACH (self assessment).

· vPvB: Does not meet the vPvB-criteria of Annex XIII of UK REACH (self assessment).

## **SECTION 3: Composition/information on ingredients**

- · 3.2 Mixtures
- · **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 80-62-6 EINECS: 202-615-1 Reg.nr.: 01-2119452498-28	Methyl methacrylate Flam. Liq. 2, H225; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	50-100%
CAS: 103-11-7 EINECS: 238-878-4 Reg.nr.: 01-2119453158-37	2-Ethylhexyl acrylate Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412	≥10-<25%
EC number: 911-490-9 Reg.nr.: 01-2119979579-10	diethanol-p-toluidine Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1-≤0.5%

<sup>·</sup> 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:**

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area and lay down.

Involve doctor immediately.

### · After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Take affected persons into fresh air and keep quiet.

Seek medical treatment.

## · After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Do not induce vomiting; call for medical help immediately.
- · 4.2 Most important symptoms and effects, both acute and delayed

Headache

Dizziness

Skin sensitization.

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Irritant to skin, eyes and respiratory system.

## **SECTION 5: Firefighting measures**

- 5.1 Extinguishing media
- · Suitable extinguishing agents: Carbon dioxide, sand, extinguishing powder, foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)

Nitrogen oxides (NOx)

- 5.3 Advice for firefighters
- · Protective equipment:

Wear fully protective suit.

Wear self-contained respiratory protective device.

· Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### **SECTION 6: Accidental release measures**

• 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation



Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· 6.3 Methods and material for containment and cleaning up:

Do not flush with water or aqueous cleansing agents

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

Cool down container when heated. Cool containers exposed to heat with water. Emergency cooling must be provided in the event of an ambient fire. Keep container tightly closed to prevent heat build up (pressure increase). Avoid heat.

Not giving remnants back into the storage vessels.

Providing good ventilating/suction at work.

at least 7-fold air changes per hour

Prevent formation of aerosols.

### Information about fire - and explosion protection:

Highly volatile, flammable constituents are released during processing.

Keep ignition sources away - Do not smoke.

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Fumes can combine with air to form an explosive mixture.

Only explosion-proof equipment.

Protect against electrostatic charges.

Protect from heat.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Store in a cool location.

Information about storage in one common storage facility:

Store away from oxidising agents.

Store away from foodstuffs.

· Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Storage in a collecting room is required.

Store under lock and key and with access restricted to technical experts or their assistants only.

max. Storage temperature 30 ° C

Keep container tightly sealed.

Protect from heat and direct sunlight.

· 7.3 Specific end use(s) Building coating or sealing.

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

- · 8.1 Control parameters
- · Additional information about design of technical facilities: No further data; see section 7.

· Ingre	· Ingredients with limit values that require monitoring at the workplace:			
80-62	80-62-6 Methyl methacrylate (50-100%)			
WEL	Short-term value: 416 mg/m³, 100 ppm Long-term value: 208 mg/m³, 50 ppm			

· DNELs			
80-62-6 M	ethyl methacrylate	)	
Inhalative	DNEL	208 mg/m³ (worker)	
	DNEL (worker)	210 mg/m³ (Long-term - local effects)	
		210 mg/m³ (Long-term - systemic effects) Long-term	
	DNEL (population)	74.3 mg/m³ (Long-term - systemic effects)	
		105 mg/m³ (Long-term - local effects)	
103-11-7	2-Ethylhexyl acryla	te	
Dermal	DNEL	242 μg/cm² (Employee / Industrial / Commercial) Long-term and short-term	
Inhalative	DNEL	37.5 mg/m³ (Employee / Industrial / Commercial)	
		38 mg/m³ (human)	
diethanol-p-toluidine			
Dermal	DNEL (worker)	1.4 mg/kg bw/day (Long-term - systemic effects)	
Inhalative	DNEL (worker)	9.8 mg/m³ (Long-term - systemic effects)	
DUES			

·PNECs			
80-62-6 Methyl methacrylate			
PNEC	1.48 mg/kg		
PNEC sediment	1.47 mg/kg dw (ground)		
	5.74 mg/kg dw (freshwater)		
PNEC	10 mg/l		

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(Contd. of page 4) 0.094 mg/l (seawater) 0.94 mg/l (freshwater) 103-11-7 2-Ethylhexyl acrylate Boden 2.3 mg/l (Soil microorganisms) 1 mg/l (ground) **PNEC** 1 mg/kg 0.0023 mg/kg (oral intake) 0.126 mg/l (sediment) water 0.002727 mg/l (freshwater) **PNEC** 2.3 mg/l diethanol-p-toluidine PNEC sediment 0.12 mg/kg dw (seawater) 1.2 mg/kg dw (water) **PNEC** 0.005 mg/l (seawater) 0.048 mg/l (water)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Respiratory protection:

Ensure good ventilation.

In interiors and at transgression of the limiting values breath filtration device: Filter type A1 using an air recycling independent breathing apparatus at high concentrations A2 at an intensive or longer outline.

Protection of hands:



### Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Preventive skin protection by use of skin-protecting agents is recommended.

After use of gloves apply skin-cleaning agents and skin cosmetics.

Check protective gloves prior to each use for their proper condition.

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

General recommendation: The usage time of the protective gloves is approx. 50% of the penetration time measured in the laboratory!

#### · 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.

Protective gloves according EN 374.

Saitable material: nitrile.

### Penetration time of glove material

Our Recommendation is mainly on a one-time use as a short-term protection Liquid splashes. For other applications, you should contact a glove manufacturer.

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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 in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

Butyl rubber, BR

- · For the permanent contact gloves made of the following materials are suitable: Butyl rubber, BR
- · Not suitable are gloves made of the following materials: Leather gloves
- · Eye protection:



Tightly sealed goggles EN standard: EN 166

Body protection:



Protective work clothing

<b>SECTION 9:</b>	Physical	l and chem	nical pro	operties
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- · 9.1 Information on basic physical and chemical properties
- · General Information
- · Appearance:

Form: Fluid blued

Odour: Ester-like
Odour threshold: Not determined.

· **pH-value:** Not determined.

Mixture is non-polar/aprotic.

· Change in condition

Melting point/freezing point: Undetermined. Initial boiling point and boiling range: 101 °C (MMA)

· Flash point: 13 °C (DIN EN ISO 3680)

• **Flammability**Not applicable.
Highly flammable.

· Auto-ignition temperature: 252 °C (2-EHA)

· **Ignition temperature:** Product is not selfigniting.

• Explosive properties: Not determined.

· Explosion limits:

**Lower:** 1.7 Vol % (MMA) **Upper:** 12.5 Vol % (MMA)

· Vapour pressure at 20 °C: 38.7 hPa (MMA)

Density at 20 °C: 0.97 g/cm³ (EN ISO 2811-1)

• **Evaporation rate** Not determined.

· Solubility in / Miscibility with

water: Not miscible or difficult to mix.

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

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· Viscosity: Dynamic: Kinematic at 20 °C:	Not determined. 45 s (ISO 6 mm)
Solvent content: Organic solvents: VOC (EC)	0 % 0 %
Solids content:	31.5 %
9.2 Other information	No further relevant information available.

## **SECTION 10: Stability and reactivity**

- · 10.1 Reactivity see Section 10.2
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Exothermic reaction.

Reacts with peroxides and other radical forming substances.

A hazardous polymerization may occur after the exhaustion of the inhibitor.

- · 10.4 Conditions to avoid Avoid heat. Avoid direct sunlight.
- 10.5 Incompatible materials: Reactions with peroxides and other free-radical generators.
- · 10.6 Hazardous decomposition products:

No dangerous decomposition prodocts used accordind to specifications.

· Additional information:

Emergency procedures will vary depending on individual circumstances. The customer should have a contingency plan to the workplace may be present.

## **SECTION 11: Toxicological information**

- 11.1 Information on toxicological effects There were no toxicological findings to the mixture.
- · Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50	values re	levant for classification:
80-62-6 M	lethyl met	thacrylate
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
	NOAEL	2,000 ppm (rat) n drinking water, 6-2000 ppm Findings: No toxic effects
	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (hare)
	LC50	>5,000 mg/kg (rabbit)
	LD50	>5,000 mg/kg (hare)
Inhalative	NOAEL	25 ppm (rat) 25 - 400 ppm Findings: Damage to mucous membranes in the nose at 400 ppm
	LC50/4h	29.8 mg/l (rat)
103-11-7	2-Ethylhe	xyl acrylate
Oral	LD50	4,435 mg/kg (rat) (BASF-Test)
	LD50	4,435 mg/kg (rat)
Dermal	LD50	7,522 mg/kg (hare)
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- · Primary irritant effect:
- · Skin corrosion/irritation

Causes skin irritation.

- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation

May cause an allergic skin reaction.

· Other information (about experimental toxicology):

Due to the high vapor pressure is a harmful concentration in the air quickly been reached. At high concentrations can occur narcotic effect.

- · Subacute to chronic toxicity: not tested
- · Additional toxicological information:
- · Toxicokinetics, metabolism and distribution The drug is metabolized rapidly (MMA).

· Acute effects (acute toxicity, irritation and corrosivity)			
80-62-6 Methyl methacrylate			
Oral LD50 >5,000 mg/kg (rat)			
103-11-7 2-Ethylhexyl acrylate			
Oral LD50 4,435 mg/kg (rat)			

- · Repeated dose toxicity no data available
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) not tested
- · 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

May cause respiratory irritation.

- STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 1	2: Ecological information			
· 12.1 Toxicity				
80-62-6 Methy	yl methacrylate			
EC3/16h 100	) mg/l (Pseudomonas putida) (Cell proliferation inhibition test, Bringmann-Kühn)			
EC50/21d 49	mg/l (daphnia)			
103-11-7 2-Etl	hylhexyl acrylate			
EC50/21d 0.5	mg/l (daphnia)			
· Aquatic toxic	ity:			
80-62-6 Methy	/I methacrylate			
EC50	170 mg/l (aquatic algae and cyanobacteria)			
EC50/48h	69 mg/l (daphnia)			
	69 mg/l (daphnia magna) (OECD 202)			
LC50/96h	>79 mg/l (aquatic vertebrates - in vivo)			
	>79 mg/l (Rainbow trout) (OECD 203)			
ErC50/72h	ErC50/72h >110 mg/l (alga)			
	>110 mg/l (Pseudokirchneriella subcapitata) (OECD 201)			
NOEC/72h	49 mg/l (alga)			
	>110 mg/l (Selenastrum capricornutum) (OECD 201)			
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(Contd. of page 8) NOEC/21d 37 mg/l (daphnia) EC50/72h >110 mg/l (Selenastrum capricornutum) (OECD 201) EC0 100 mg/l (eschrichia coli) 9.4 mg/l (Danio rerio) (OECD 210) NOEC fish early life stage test, 35 days 37 mg/l (daphnia magna) (OECD 211) 21 days 103-11-7 2-Ethylhexyl acrylate other (28d) >1,000 mg/kg (Soil microorganisms) (OECD 217) The product has not been tested. The statement has been derived from products of a similar structure or composition. EC50/48h 1.3 mg/l (daphnia) 1.3 mg/l (daphnia magna) (OECD-Richtline 202) Part 1 LC50/96h 1.81 mg/l (aquatic vertebrates - in vivo) 1.81 mg/l (fish) 1.81 mg/l (Rainbow trout) (OECD 203) ErC50/72h 1.71 mg/l (alga) NOEC/21d 0.19 mg/l (daphnia) 0.19 mg/l (daphnia magna) The details of the toxic effect relates to the analytically determined concentration. The product has not been tested. The statement has been derived from products of a

similar structure or composition. EC50/72h (static) 1.71 mg/l (scenedesmus subspicatus) (OECD 201)

Konzentration.

## · 12.2 Persistence and degradability Easily biodegradable 12.3 Bioaccumulative potential

2-EHA:

Can be accumulated in organisms.

bioaccumulation potential:

Bioconcentration Factor: 282.4 (calculated)

### 12.4 Mobility in soil

MMA: A binding to the solid phase of soil, sediment and sewage sludge is not expected. From the water surface the substance is slowly evaporated into the atmosphere. Where the substance into the environment he verleibt preferably in the compartment into which it has emerged.

Die Angaben der toxischen Wirkung bezieht sich auf die analytisch ermittelte

### Additional ecological information:

#### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow product to reach ground water, water course or sewage system.

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Does not meet the PBT-criteria of Annex XIII of UK REACH (self assessment).
- vPvB: Does not meet the vPvB-criteria of Annex XIII of UK REACH (self assessment).
- 12.6 Other adverse effects No further relevant information available.

# **SECTION 13: Disposal considerations**

### · 13.1 Waste treatment methods

Hazardous waste according to Waste Catalogue (EWC). If recycling is not possible, waste must be in compliance with local regulations to be removed.

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#### · Recommendation



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

Uncured product residues are special waste. Cured product residues are not hazardous waste.

- · Uncleaned packaging:
- · Recommendation:

This product (liquid) and its container must be disposed of as hazardous waste.

Disposal must be made according to official regulations.

SECT	ION 14:	Transpor	t inform	ation

	14.	.1	UN	I-N	um	ber
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· ADR, IMDG, IATA UN1263

· 14.2 UN proper shipping name

· ADR 1263 PAINT
· IMDG, IATA PAINT

· 14.3 Transport hazard class(es)

· ADR



· Class 3 (F1) Flammable liquids.

· Label

· IMDG, IATA



· Class 3 Flammable liquids.

· Label

· 14.4 Packing group

· ADR, IMDG, IATA

· 14.5 Environmental hazards:

· Marine pollutant: No

• 14.6 Special precautions for user Warning: Flammable liquids.

· Hazard identification number (Kemler code):

EMS Number: F-E,S-E
Stowage Category A

· 14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code Not applicable.

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· Transport/Additional information:

· ADR

· Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

· Transport category 3 · Tunnel restriction code E

• **Remarks:** > 450 litres Packing group II

Classification according to viscosity clause (2.2.3.1.4)

·IMDG

· Remarks:

Limited quantities (LQ)Excepted quantities (EQ)5LCode: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

> 450 litres Packing group II

Classification according to viscosity clause (2.3.2.2)

· UN "Model Regulation": UN 1263 PAINT, 3, III

## **SECTION 15: Regulatory information**

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Poisons Act
- · Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- National regulations:
- · Information about limitation of use:

Employment restrictions under the Maternity Protection Directive (94/33/EC).

Employment restrictions for maternity Directive (92/85/EEC) for expectant and nursing mothers.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

These figures relate to the product as delivered.

Sector of Use

Relevant identified uses of the mixture

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU19 Building and construction work



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SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Uses advised against

SU21 Consumer uses: Private households / general public / consumers

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

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

#### · Training hints

Teaching about hazards and precautions to hand the operating instructions (Technical Rule 555). Instruction must take place before the start of employment and at least annually thereafter.

### · 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 relatif au transport international 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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2

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

Skin Sens. 1: Skin sensitisation - Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

### · Sources

www.gestis.de www.echa.eu

logkow.cisti.nrc.ca

\* Data compared to the previous version altered.