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

Version number 6 (replaces version 5) Printing date 29.07.2024 Revision: 29.07.2024

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

- · 1.1 Product identifier
 - · Trade name: Signum metal bond II
- · 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 Metal-Resin Bonding System
- · 1.3 Details of the supplier of the safety data sheet
 - Manufacturer/Supplier:

Kulzer GmbH

Leipziger Straße 2, 63450 Hanau (Germany)

Tel.: +49 (0)800 4372522

· Informing department: E-Mail: msds@kulzer-dental.com

· 1.4 Emergency telephone number: Emergency CONTACT (24-Hour-Number): +49 (0)6132-84463

SECTION 2: Hazards identification

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

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

Skin Irrit. 2 H315 Causes skin irritation.

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

H360Fd May damage fertility. Suspected of damaging the unborn child. Repr. 1B

STOT SE 3 May cause respiratory irritation. H335

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

- · 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 GHS08 GHS09

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

methyl methacrylate

diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate tert-butyl perbenzoate

Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H360Fd May damage fertility. Suspected of damaging the unborn child.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

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· Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P280 Wear protective clothing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

Store locked up.

· Additional information:

Restricted to professional users.

· 2.3 Other hazards -

P405

· Results of PBT and vPvB assessment

· **PBT:** Not applicable. · **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: -

· Dangerous components:			
CAS: 80-62-6 EINECS: 201-297-1 Index number: 607-035-00-6	methyl methacrylate Flam. Liq. 2, H225 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	≥50-≤75%	
CAS: 72869-86-4 EINECS: 276-957-5 Index number: 607-134-00-4 Reg.nr.: 01-2120751202-68-xxxx	7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate Aquatic Chronic 2, H411 Skin Sens. 1B, H317 EUH204	≥10-<25%	
CAS: 75980-60-8 EINECS: 278-355-8 Index number: 015-203-00-X Reg.nr.: 01-2119972295-29-xxxx	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide Repr. 1B, H360Fd Aquatic Chronic 2, H411 Skin Sens. 1B, H317	1-<3%	
CAS: 614-45-9 EINECS: 210-382-2	tert-butyl perbenzoate Org. Perox. C, H242 Aquatic Acute 1, H400 Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1, H317 Aquatic Chronic 3, H412	≥0.1-<0.25%	

[·] 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 symptoms.
 - After skin contact

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

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• After eye contact Rinse opened eye for several minutes under running water. Then consult doctor.

· After swallowing

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms 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

CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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.

5.3 Advice for firefighters

· Protective equipment: Wear self-contained breathing apparatus.

· Additional information -

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Avoid contact with eyes and skin.

6.2 Environmental precautions:

Do not allow to enter drainage system, surface or ground water.

Do not allow to enter the ground/soil.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).

Send for recovery or disposal in suitable containers.

6.4 Reference to other sections

See Section 13 for information on disposal.

See Section 8 for information on personal protection equipment.

-

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep containers tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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- · 7.2 Conditions for safe storage, including any incompatibilities
 - · Storage

Dermal

Inhalative

- · Requirements to be met by storerooms and containers: Store in cool location.
- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

worker industrial, long term, systemic

worker industrial, long term, systemic

- Store in cool, dry conditions in well sealed containers.
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Compo	omponents with critical values that require monitoring at the workplace:		
	methyl methacrylate		
WEL (Great Britain)		Short-term value: 416 mg/m³, 100 ppm Long-term value: 208 mg/m³, 50 ppm	
IOELV (European Union)		Short-term value: 100 ppm Long-term value: 50 ppm	
· DNI	NELs		
80-62-6 m	ethyl methacry	ylate	
Oral	general popula	tion, long term, systemic	8.2 mg/Kg (not defined)
Dermal	worker industri	al, long term, systemic	13.67 mg/Kg/d (not defined)
	general population, long term, systemic		8.2 mg/Kg/d (not defined)
Inhalative	worker industri	al, acute, local	416 mg/m3 (not defined)
	worker industri	al, long term, systemic	348.4 mg/m3 (not defined)
	worker industrial, long term, local general population, acute, local general population, long term, systemic		208 mg/m3 (not defined)
			208 mg/m3 (not defined)
			74.3 mg/m3 (not defined)
72869-86-	bismethacry	late	xo-3,14-dioxa-5,12-diazahexadecane-1,16-d
Oral		tion, long term, systemic	
Dermal		-	1.3 mg/Kg/d (not defined)
		-	0.7 mg/Kg/d (not defined)
Inhalative	worker industri	al, long term, systemic	3.3 mg/m3 (not defined)
	general population, long term, systemic		0.6 mg/m3 (not defined)
75980-60-		,6-trimethylbenzoyl)pho	-
Oral		-	0.0833 mg/Kg (not defined)

general population, long term, systemic 0.0833 mg/Kg/d (not defined)

general population, long term, systemic 0.145 mg/m3 (not defined)

0.233 mg/Kg/d (not defined)

0.822 mg/m3 (not defined)

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· PNECs	· PNECs		
80-62-6 methyl methacrylate			
freshwater	0.94 mg/l (not defined)		
marine water	0.094 mg/l (not defined)		
sewage treatment plant	10 mg/l (not defined)		
sediment, dry weight, freshwater	10.2 mg/Kg (not defined)		
sediment, dry weight, marine water	0.102 mg/Kg (not defined)		
soil, dry weight	1.48 mg/Kg (not defined)		
72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-di bismethacrylate			
freshwater	0.01 mg/l (not defined)		
marine water	0.001 mg/l (not defined)		
sewage treatment plant	3.61 mg/l (not defined)		
sediment, dry weight, freshwater	4.56 mg/Kg (not defined)		
sediment, dry weight, marine water	0.46 mg/Kg (not defined)		
soil, dry weight	0.91 mg/Kg (not defined)		
75980-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide			
freshwater	0.0014 mg/l (not defined)		
marine water	0.00014 mg/l (not defined)		
sediment, dry weight, freshwater	0.115 mg/Kg (not defined)		
sediment, dry weight, marine water	0.0115 mg/Kg (not defined)		
soil, dry weight	0.0222 mg/Kg (not defined)		

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

· 8.2 Exposure controls

- Appropriate engineering controls No further data; see section 7.
- Individual protection measures, such as personal protective equipment

General protection measures, such as personal prote General protective and hygienic measures Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments.

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

Avoid contact with the eyes and skin.

Breathing equipment:

Not neccessary with efficient local exhaust. If exposition to vapours is possible, use breathing protective mask (filter A).

Hand protection

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

If skin contact cannot be avoided, protective gloves are recommended to avoid possible sensitization.

Solvent resistant gloves

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

recommended

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Material of gloves

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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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber, BR Nitrile rubber, NBR

Eve/face protection Safety glasses

· Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

General Information

Physical state Fluid · Colour: White

· Smell: Characteristic Not determined. Odour threshold:

· Melting point/freezing point: Not determined

· Boiling point or initial boiling point and

boiling range 100 °C

· Flammability Not applicable.

Lower and upper explosion limit

2.1 Vol % Lower: 12.5 Vol % Upper:

· Flash point: 10 °C (80-62-6 methyl methacrylate)

· Auto-ignition temperature: 430 °C

· Decomposition temperature: Not determined.

·SAPT

Signum metal bond II > 60 °C

·SADT

· pH Viscosity:

Mixture is non-soluble (in water).

· Kinematic viscosity Not determined. · Kinematic viscosity

· dynamic: Not determined.

Solubility · Water: Not miscible or difficult to mix

· Partition coefficient n-octanol/water (log

Not determined. value)

47 hPa Steam pressure at 20 °C:

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· Vapour pressure:

Density and/or relative density

Density
 Relative density
 Vapour density
 Not determined.
 Not determined.

· 9.2 Other information

No further relevant information available.

· Appearance:

Fluid

Important information on protection of health

and environment, and on safety.

Self-inflammability: Product is not selfigniting.

• Explosive properties: Product is not explosive. However, formation of

explosive air/vapour mixtures is possible.

· Change in condition

· Evaporation rate Not determined.

Information with regard to physical hazard classes

· Explosives	Void
Flammable gases	Void
Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void

• Flammable liquids Highly flammable liquid and vapour.
• Flammable solids Void

· Self-reactive substances and mixtures Void · Pyrophoric liquids Void Pyrophoric solids Void Self-heating substances and mixtures Void · Substances and mixtures, which emit flammable gases in contact with water Void · Oxidising liquids Void · Oxidising solids Void · Organic peroxides Void Corrosive to metals Void

SECTION 10: Stability and reactivity

· Desensitised explosives

- · 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
 - Conditions to be avoided: No decomposition if used and stored according to specifications.

Void

- · 10.3 Possibility of hazardous reactions No dangerous reactions known
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: None

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· Additional information:

If stored longer than recommended and/or above recommended temperature, product may polymerize generating heat.

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
 - · Acute toxicity Based on available data, the classification criteria are not met.

	· LD/LC50 values that are relevant for classification:		
	80-62-6 methyl methacrylate		
Oral	LD50	~7,900 mg/kg (rat)	
Dermal	LD50	>5,000 mg/kg (guinea pig) (OECD 402)	
Inhalative	LC50/4 h	29.8 mg/l (rat)	
72869-86-	72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diy bismethacrylate		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)	
75980-60-	75980-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)	
614-45-9 t	614-45-9 tert-butyl perbenzoate		
Oral	LD0	2,000 mg/kg (rat) (OECD 423)	
Dermal	LD0	2,000 mg/kg (rat) (OECD 402)	
Inhalative	LC0/4h	1.01 mg/L (rat) (OECD 439)	
	LC100/4h	4.9 mg/L (rat) (OECD 439)	

· 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.

- · 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

May damage fertility. Suspected of damaging the unborn child.

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.
- · Additional toxicological information:
 - · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
 Repr. 1B

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· 11.2 Information on other hazards	(Contd. of page 8)
Endocrine disrupting properties	
128-37-0 2 6-di-tert-hutyl-n-cresol	l ist II

SECTION 12: Ecological information

49 mg/L (daphnia) (OECD 211)

· 12.1 Toxicity

EC50/21d

· Aquatic toxicity:

80-62-6 methyl methacrylate

EC50/48h	69 mg/l (daphnia) (EPA OTS 797.1300)		
NOEC / 21d	37 mg/l (daphnia) (OECD 211)		
ErC50 / 72 h	>110 mg/l (algae) (OECD 201)		
NOEC / 72h	110 mg/l (algae) (OECD 201)		
NOEC / 48h	48 mg/l (daphnia) (EPA OTS 797.1300)		
EbC50 / 72h	>110 mg/l (algae) (OECD 201)		
NOEC/ 35d	9.4 mg/L (fish) (OECD 210)		
LC50/ 35d	33.7 mg/L (fish) (OECD 210)		
72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl			
b	ismethacrylate		
EC50/48h	>1.2 mg/l (daphnia) (OECD 202)		
LC50/96h	10.1 mg/l (fish) (OECD 203)		
ErC50 / 72 h	>0.68 mg/l (algae) (OECD 201)		
NOEC / 72h	0.21 mg/l (algae) (OECD 201)		
75980-60-8 a	75980-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide		
EC50/48h	10,100 mg/l (algae)		
	3.53 mg/l (daphnia) (OECD 202)		
LC50/96h	1.4 mg/l (fish) (OECD 203)		
ErC50 / 72 h	>2.01 mg/l (algae) (OECD 201)		
ErC10/72h	1.56 mg/L (algae) (OECD 201)		

· 12.2 Persistence and degradability

80-62-6 methyl methacrylate

Biodegradation 94 % /14d (not defined) (OECD 301C)

72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

Biodegradation 22 % /28d (not defined) (OECD 301B; ISO/ 9439/ EEC 92/69/V, C.4-C)

75980-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

Biodegradation 0-10 % /28d (not defined) (OECD 301F; ISO 9408/ EEC 92/69/V, C.4-D)

· 12.3 Bioaccumulative potential

75980-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

Bloconcentration factor (BCF) 47-55 (not defined)

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- **12.4 Mobility in soil** No further relevant information available.
- 12.5 Results of PBT and vPvB assessment
 - · PBT: Not applicable.
 - · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

- · 12.7 Other adverse effects
 - · Additional ecological information:
 - · General notes:

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

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

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
 - · Recommendation

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

Disposal must be made according to official regulations.

- Uncleaned packagings:
 - Recommendation:

Disposal must be made according to official regulations.

Non contaminated packagings can be used for recycling.

14.1 UN number or ID number ADR, IMDG, IATA	UN1993
14.2 UN proper shipping name ADR	1993 FLAMMABLE LIQUID, N.O.S., speci provision 640D (METHYL METHACRYLAT MONOMER, STABILIZED, 7,7,9(or 7,9,9 trimethyl-4,13-dioxo-3,14-dioxa-5,12 diazahexadecane-1,16-diyl bismethacrylate)
· IMDG	FLAMMABLE LIQUID, N.O.S. (METH) METHACRYLATE MONOMER, STABILIZE 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-diox 5,12-diazahexadecane-1,16-di bismethacrylate), MARINE POLLUTANT
·IATA	FLAMMABLE LIQUID, N.O.S. (METHY METHACRYLATE MONOMER, STABILIZED 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo5,12-diazahexadecane-1,16-diy bismethacrylate)

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14.3 Transport hazard class(es)		
· ADR		
· Class · Label	3 (F1) Flammable liquids. 3	
· IMDG		
1 1 1 1 1 1 1 1 1 1		
· Class · Label	3 Flammable liquids. 3	
·IATA		
· Class · Label	3 Flammable liquids. 3	
14.4 Packing group ADR, IMDG, IATA	II	
· 14.5 Environmental hazards:		
· Marine pollutant:	No	
· Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)	
14.6 Special precautions for user Kemler Number:	Warning: Flammable liquids.	
	33	
· EMS Number: · Stowage Category	F-E, <u>S-E</u> B	
· 14.7 Maritime transport in bulk according to	_	
instruments	Not applicable.	
· Transport/Additional information:	-	
· ADR · Limited quantities (LQ)	1L	



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· Excepted quantities (EQ) · Transport category · Tunnel restriction code	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml 2 D/E
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (METHYL METHACRYLATE MONOMER, STABILIZED, 7,7,9(OR 7,9,9)-TRIMETHYL- 4,13-DIOXO-3,14-DIOXA-5,12- DIAZAHEXADECANE-1,16-DIYL BISMETHACRYLATE),3,II

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - Directive 2012/18/EU
 - · Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
 - · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- 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

H225 Highly flammable liquid and vapour.

H242 Heating may cause a fire.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H360Fd May damage fertility. Suspected of damaging the unborn child.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

EUH204 Contains isocyanates. May produce an allergic reaction.

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· Abbreviations and acronyms:

SADT: Self Accelerating Decomposition Temperature SAPT: Self Accelerating Polymerisation Temperature

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

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 (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids - Category 2

Flam. Ltq. 2: Flammable liquids — Category 2
Org. Perox. C: Organic peroxides — Type C/D
Acute Tox. 4: Acute toxicity — Category 4
Skin Irrit. 2: Skin corrosion/irritation — Category 2
Skin Sens. 1: Skin sensitisation — Category 1
Skin Sens. 1B: Skin sensitisation — Category 1B
Repr. 1B: Reproductive toxicity — Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) — Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic ha Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

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.