Maximum Cure and Custom IQ Bonding Resin Part A

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Dat eof issue: 3/14/2018 Version : 2

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

1.1. Product identifier

Product form : Mixture

Product name : Maximum Cure and Custom IQ Bonding Resin Part A

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

1.2.1. Relevant identified uses

Use of the substance/mixture : For RX only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer
Reliance Orthodontic Products, Inc. 1540 West Thorndale Ave.
Itasca, IL 60143 USA
630-773-4009, during normal business hours
www.relianceorthodontics.com

EC Representative:
Emergo Europe, Prinsessgracht 20
2514 AP The Hague, The Netherlands

Australian Sponsor: Emergo Australia, 201 Sussex St.
Darling Park, Tower II, Level 20
Sydney, NSW 2000 Australia

1.4. Emergency telephone number

Emergency number : CHEMTREC - 24-Hour Hazmat Emergency Communications Center
Domestic: 1-800-424-9300 Outside the U.S.: 1-703-527-3887, collect calls accepted

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2	H225
Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 3	H311
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335

Full text of H statements : see section 16

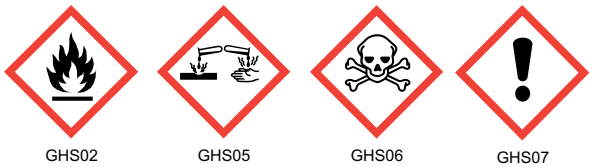
Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Toxic in contact with skin. Harmful if swallowed. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02 GHS05 GHS06 GHS07

Signal word (CLP) : Danger

Hazardous ingredients : Methyl Methacrylate, monomer, inhibited; Hydrofluoric Acid,7%<=conc<=60%,aqueous

solutions; 4-Methoxyphenol Hydroquinone; BisGMA; 2,2'-[(4-Methylphenyl)Imino]Bisethanol

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.
H302 - Harmful if swallowed.
H311 - Toxic in contact with skin.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof ventilating equipment.
P261 - Avoid breathing vapours.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves, eye protection, face protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER, a doctor if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER, a doctor.
P312 - Call a POISON CENTER, a doctor if you feel unwell.
P321 - Specific treatment (see First aid measures on this label).
P330 - Rinse mouth.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use carbon dioxide (CO_2), dry sand, nitrogen to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents and container to a hazardous or special waste collection point, a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste, hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
BisGMA	(CAS-No.) 1565-94-2	50 - 75	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Methyl Methacrylate, monomer, inhibited	(CAS-No.) 80-62-6 (EC-No.) 201-297-1 (EC Index-No.) 607-035-00-6	10 - 30	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335
2,2'-[(4-Methylphenyl)Imino]Bisethanol	(CAS-No.) 3077-12-1 (EC-No.) 221-359-1	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
2-N-Morpholinoethyl Methacryla	(CAS-No.) 2997-88-8 (EC-No.) 221-069-5	1 - 5	Eye Irrit. 2, H319
Hydrofluoric Acid,7%<=conc<=60%,aqueous solutions	(CAS-No.) 7664-39-3 (EC-No.) 231-634-8 (EC Index-No.) 009-003-00-1	< 1	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Inhalation:vapour), H330 Skin Corr. 1A, H314

4-Methoxyphenol Hydroquinone	(CAS-No.) 150-76-5 (EC-No.) 205-769-8 (EC Index-No.) 604-044-00-7	< 1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Hydrofluoric Acid,7%<=conc<=60%,aqueous solutions	(CAS-No.) 7664-39-3 (EC-No.) 231-634-8 (EC Index-No.) 009-003-00-1	(0.1 =<C < 1) Eye Irrit. 2, H319 (1 =<C < 7) Skin Corr. 1B, H314 (C >= 7) Skin Corr. 1A, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapours.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid breathing mist, vapours.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Methyl Methacrylate, monomer, inhibited (80-62-6)		
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (ppm)	100 ppm
Belgium	Limit value (mg/m³)	208 mg/m³
Belgium	Limit value (ppm)	50 ppm
Belgium	Short time value (mg/m³)	416 mg/m³
Belgium	Short time value (ppm)	100 ppm
France	VME (mg/m³)	205 mg/m³
France	VME (ppm)	50 ppm
France	VLE (mg/m³)	410 mg/m³
France	VLE (ppm)	100 ppm
Netherlands	Grenswaarde TGG 8H (mg/m³)	205 mg/m³
Netherlands	Grenswaarde TGG 8H (ppm)	49.2 ppm
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	410 mg/m³
Netherlands	Grenswaarde TGG 15MIN (ppm)	98.4 ppm
United Kingdom	WEL TWA (mg/m³)	208 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m³)	416 mg/m³
United Kingdom	WEL STEL (ppm)	100 ppm
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - ACGIH	ACGIH STEL (ppm)	100 ppm

Hydrofluoric Acid,7%<=conc<=60%,aqueous solutions (7664-39-3)		
EU	IOELV TWA (mg/m³)	1.5 mg/m³
EU	IOELV TWA (ppm)	1.8 ppm
EU	IOELV STEL (mg/m³)	2.5 mg/m³
EU	IOELV STEL (ppm)	3 ppm
Belgium	Limit value (mg/m³)	1.5 mg/m³ Hydrogen fluoride (as F); Belgium; Time-weighted average exposure limit 8 h)
Belgium	Limit value (ppm)	1.8 ppm Hydrogen fluoride (as F); Belgium; Time-weighted average exposure limit 8 h)
Belgium	Short time value (mg/m³)	2.5 mg/m³ Hydrogen fluoride (as F); Belgium; Short time value)
Belgium	Short time value (ppm)	3 ppm Hydrogen fluoride (as F); Belgium; Short time value)
France	VME (mg/m³)	1.5 mg/m³ Hydrogen fluoride (as F); France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante)
France	VME (ppm)	1.8 ppm Hydrogen fluoride (as F); France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante)
France	VLE (mg/m³)	2.5 mg/m³ Hydrogen fluoride (as F); France; Short time value; VRC: Valeur réglementaire contraignante)

Hydrofluoric Acid,7%<=conc<=60%,aqueous solutions (7664-39-3)		
France	VLE (ppm)	3 ppm Hydrogen fluoride (as F); France; Short time value; VRC: Valeur réglementaire contraignante)
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	1 mg/m³ (Hydrogen fluoride (as F); Netherlands; Short time value; Public occupational exposure limit value; als F)
Netherlands	Grenswaarde TGG 15MIN (ppm)	1.2 ppm (Hydrogen fluoride (as F); Netherlands; Short time value; Public occupational exposure limit value; als F)
United Kingdom	WEL TWA (mg/m³)	1.5 mg/m³ Hydrogen fluoride (as F); United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
United Kingdom	WEL TWA (ppm)	1.8 ppm
United Kingdom	WEL STEL (mg/m³)	2.5 mg/m³
United Kingdom	WEL STEL (ppm)	3 ppm
USA - ACGIH	ACGIH TWA (ppm)	0.5 ppm
USA - ACGIH	ACGIH Ceiling (ppm)	2 ppm
4-Methoxyphenol Hydroquinone (150-76-5)		
Belgium	Limit value (mg/m³)	5 mg/m³ (4-Methoxyphenol; Belgium; Time-weighted average exposure limit 8 h)
France	VME (mg/m³)	5 mg/m³ (4-Methoxyphenoll; France; Time-weighted average exposure limit 8 h)
USA - ACGIH	ACGIH TWA (mg/m³)	5 mg/m³

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Viscous liquid.
Colour	:	Pale yellow.
Odour	:	Acrylic.
Odour threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not applicable
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available

Relative density	:	No data available
Solubility	:	No data available
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Oral: Harmful if swallowed.
Acute toxicity (dermal)	:	Dermal: Toxic in contact with skin.
Acute toxicity (inhalation)	:	Not classified

ATE CLP (oral)	813.091 mg/kg bodyweight
ATE CLP (dermal)	845.309 mg/kg bodyweight

Methyl Methacrylate, monomer, inhibited (80-62-6)	
LD50 oral rat	9400 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value)
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value)
LC50 inhalation rat (mg/l)	29.8 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Experimental value)

2-N-Morpholinoethyl Methacryla (2997-88-8)	
LD50 oral rat	N/A
LD50 dermal rat	N/A
LD50 dermal rabbit	N/A
LC50 inhalation rat (ppm)	N/A
LC50 inhalation rat (Dust/Mist - mg/l/4h)	N/A mg/l/4h
LC50 inhalation rat (Vapours - mg/l/4h)	N/A mg/l/4h

4-Methoxyphenol Hydroquinone (150-76-5)	
LD50 oral rat	1600 mg/kg (Rat)

2,2'-[(4-Methylphenyl)Imino]Bisethanol (3077-12-1)	
LD50 oral rat	960 mg/kg (Rat, Literature study)

Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Causes serious eye damage.
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified

STOT-single exposure : May cause respiratory irritation.

2-N-Morpholinoethyl Methacryla (2997-88-8)	
LOAEL (oral, rat)	N/A mg/kg bodyweight
LOAEL (dermal, rat/rabbit)	N/A mg/kg bodyweight
LOAEC (inhalation, rat, gas)	N/A ppmv/4h
LOAEC (inhalation, rat, vapour)	N/A mg/l/4h
LOAEC (inhalation, rat, dust/mist/fume)	N/A mg/l/4h

STOT-repeated exposure : Not classified

2-N-Morpholinoethyl Methacryla (2997-88-8)	
LOAEL (oral, rat, 90 days)	N/A mg/kg bodyweight/day
LOAEL (dermal, rat/rabbit, 90 days)	N/A mg/kg bodyweight/day
LOAEC (inhalation, rat, gas, 90 days)	N/A ppmv/6h/day
LOAEC (inhalation, rat, vapour, 90 days)	N/A mg/l/6h/day
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	N/A mg/l/6h/day

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

Methyl Methacrylate, monomer, inhibited (80-62-6)	
LC50 fish 1	> 79 mg/l (EPA OTS 797.1400, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	69 mg/l (EPA OTS 797.1300, 48 h, Daphnia magna, Flow-through system, Fresh water, Experimental value)
EC50 72h algae (1)	> 110 mg/l (OECD 201: Alga, Growth Inhibition Test, Selenastrum capricornutum, Static system, Fresh water, Experimental value)

4-Methoxyphenol Hydroquinone (150-76-5)	
LC50 fish 1	28.5 mg/l (96 h, Salmo gairdneri, Flow-through system)
EC50 Daphnia 1	2.2 mg/l (48 h, Daphnia magna)

2,2'-[(4-Methylphenyl)Imino]Bisethanol (3077-12-1)	
LC50 fish 1	> 100 mg/l (96 h, Brachydanio rerio, Literature study)

12.2. Persistence and degradability

Methyl Methacrylate, monomer, inhibited (80-62-6)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.14 g O_2/g substance
ThOD	1.9 g O_2/g substance
BOD (% of ThOD)	0.073

Hydrofluoric Acid,7%<=conc<=60%,aqueous solutions (7664-39-3)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

4-Methoxyphenol Hydroquinone (150-76-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
BOD (% of ThOD)	0.57

2,2'-[(4-Methylphenyl)Imino]Bisethanol (3077-12-1)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

Methyl Methacrylate, monomer, inhibited (80-62-6)	
BCF fish 1	2.97 - 3.5 (Pisces, QSAR)
Log Pow	1.32 - 1.38 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Hydrofluoric Acid,7%<=conc<=60%,aqueous solutions (7664-39-3)	
Log Pow	-0.9 (Calculated)
Bioaccumulative potential	Not bioaccumulative.

4-Methoxyphenol Hydroquinone (150-76-5)	
Log Pow	1.34 - 1.58 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

2,2'-[(4-Methylphenyl)Imino]Bisethanol (3077-12-1)	
Log Pow	1.09 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

Methyl Methacrylate, monomer, inhibited (80-62-6)	
Surface tension	28.9 mN/m (20 °C)
Log Koc	0.94 - 1.86 (log Koc, Other, Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

Hydrofluoric Acid,7%<=conc<=60%,aqueous solutions (7664-39-3)	
Ecology - soil	No (test)data on mobility of the components available.

2,2'-[(4-Methylphenyl)Imino]Bisethanol (3077-12-1)	
Ecology - soil	No (test)data on mobility of the substance available.

12.5. Results of PBT and vPvB assessment

Component	
Methyl Methacrylate, monomer, inhibited (80-62-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 2, significant hazard to waters (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	:	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	:	None of the components are listed

Denmark

Danish National Regulations	:	Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 1 (Dermal)	Acute toxicity (dermal), Category 1
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour.
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product