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

1.1. Product identifier

Bloc-out material, light curing

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

Use of the substance/mixture

Precision shaped material for dental use.

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	dent a pharm Produktionsges.mbH	
Street:	Schusterring 35	
Place:	D-25355 Barmstedt	
Telephone:	+49 (0) 4123-9225-0	Telefax: +49 (0) 4123-9228-49
e-mail:	info@dent-a-pharm.de	
e-mail (Contact person):	info@dent-a-pharm.de	
Internet:	www.wpdental.de	
Responsible Department:	info@dent-a-pharm.de	

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Acute toxicity: Acute Tox. 4
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Dam. 1
Respiratory or skin sensitisation: Skin Sens. 1
Specific target organ toxicity - single exposure: STOT SE 3
Hazardous to the aquatic environment: Aquatic Acute 1
Hazardous to the aquatic environment: Aquatic Chronic 2
Hazard Statements:
Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.
May cause respiratory irritation.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid
Aliphatic urethane acrylate
methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate
2-hydroxyethyl methacrylate
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

Signal word: Danger

Pictograms:

Hazard statements

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.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
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/doctor.
P333	If skin irritation or rash occurs:
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to ....

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
55818-57-0	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid			25 - 32 %
	500-130-2		01-2119490020-53	
	Skin Sens. 1; H317			
	Aliphatic urethane acrylate			20 - 25 %
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1B, Aquatic Chronic 2; H302 H315 H318 H317 H411			
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate			15 - 20 %
	201-297-1	607-035-00-6	01-2119452498-28	
	Flam. Liq. 2, Skin Irrit. 2, Skin Sens. 1, STOT SE 3; H225 H315 H317 H335			
119-61-9	Benzophenone			5 - 10 %
	204-337-6		01-2119488052-40	
	STOT RE 2, Aquatic Chronic 3; H373 H412			
868-77-9	2-hydroxyethyl methacrylate			3 - 5 %
	212-782-2	607-124-00-X	01-2119490169-29	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide			1 - 2 %
	278-355-8		01-2119972295-29	
	Repr. 2, Skin Sens. 1, Aquatic Chronic 2; H361 H317 H411			
10373-78-1	Campherchinon			0,5 - 1 %
	233-814-1			
	Skin Irrit. 2, Eye Irrit. 2A, STOT SE 3; H315 H319 H335			

Full text of H and EUH statements: see section 16.

Further Information

No information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration.
Seek medical advice immediately.

After contact with skin

Wash with plenty of water.
In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.
Call a physician immediately.
Do NOT induce vomiting.

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

No information available.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder. Carbon dioxide (CO2). alcohol resistant foam. Water spray jet

Unsuitable extinguishing media

High power water jet

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing.
In case of fire: Wear self-contained breathing apparatus.
Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.
Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

See section 8. Wear personal protection equipment (refer to section 8).
Keep container tightly closed.
Avoid contact with skin, eyes and clothes.

Advice on protection against fire and explosion

Use only in well-ventilated areas.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container.

Advice on storage compatibility

No special measures are necessary.

Further information on storage conditions

Store in a cool dry place.
storage temperature: 0 - 22 °C

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
80-62-6	Methyl methacrylate	50	208		TWA (8 h)	WEL
		100	416		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
55818-57-0	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid			
Worker DNEL, long-term		inhalation	systemic	122,5 mg/m³
Worker DNEL, long-term		dermal	systemic	17,5 mg/kg bw/day
,				
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate			
Worker DNEL, long-term		inhalation	systemic	208 mg/m³
Worker DNEL, long-term		inhalation	local	208 mg/m³
Worker DNEL, long-term		dermal	systemic	13,67 mg/kg bw/day
Worker DNEL, long-term		dermal	local	1,5 mg/cm²
Worker DNEL, acute		dermal	local	1,5 mg/cm²
Consumer DNEL, long-term		inhalation	systemic	74,3 mg/m³
Consumer DNEL, long-term		inhalation	local	104 mg/m³
Consumer DNEL, long-term		dermal	systemic	8,2 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	1,5 mg/cm²
Consumer DNEL, acute		dermal	local	1,5 mg/cm²
119-61-9	Benzophenone			
Worker DNEL, long-term		inhalation	systemic	0,7 mg/m³
Worker DNEL, long-term		dermal	systemic	0,1 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,17 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,05 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,05 mg/kg bw/day
,				
868-77-9	2-hydroxyethyl methacrylate			
Worker DNEL, long-term		inhalation	systemic	4,9 mg/m³
Worker DNEL, long-term		dermal	systemic	1,3 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	2,9 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,83 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,83 mg/kg bw/day
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide			
Worker DNEL, long-term		inhalation	systemic	3,5 mg/m³
Worker DNEL, long-term		dermal	systemic	1 mg/kg bw/day

PNEC values

CAS No	Substance
Environmental compartment	Value
55818-57-0	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid
Freshwater	0,1 mg/l
Marine water	0,01 mg/l
Freshwater sediment	35,8 mg/kg
Marine sediment	3,58 mg/kg
Soil	7,1 mg/kg
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate
Freshwater	0,94 mg/l
Marine water	0,94 mg/l
Freshwater sediment	5,74 mg/kg
Soil	1,47 mg/kg
119-61-9	Benzophenone
Freshwater	0,02 mg/l
Marine water	0,002 mg/l
Freshwater sediment	1,1 mg/kg
Marine sediment	0,11 mg/kg
Soil	0,31 mg/kg
868-77-9	2-hydroxyethyl methacrylate
Freshwater	0,482 mg/l
Marine water	0,482 mg/l
Freshwater sediment	3,79 mg/kg
Marine sediment	3,79 mg/kg
Soil	0,476 mg/kg
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
Freshwater	0,004 mg/l
Marine water	0 mg/l
Freshwater sediment	0,29 mg/kg
Marine sediment	0,029 mg/kg
Soil	0,056 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Protective and hygiene measures

Only wear fitting, comfortable and clean protective clothing.
Avoid contact with skin, eyes and clothes.
Wash hands before breaks and after work.
Take off contaminated clothing and wash it before reuse.
When using do not eat, drink, smoke, sniff.

Eye/face protection

Eye glasses with side protection
goggles

Hand protection

Tested protective gloves must be worn: DIN EN 374
NR (natural rubber, natural latex)
Thickness of the glove material >= 0,4 mm
Breakthrough times and swelling properties of the material must be taken into consideration.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Wearing time with occasional contact (splashes): max. 480 min.
Wearing time with permanent contact 240 - 480 min
Observe the wear time limits as specified by the manufacturer.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	various
Odour:	characteristic

	Test method
pH-Value:	not determined
Changes in the physical state	
Melting point:	not applicable
Initial boiling point and boiling range:	>250 °C
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	>100 °C
Flammability	
Solid:	not applicable
Gas:	not applicable
Explosive properties	
not explosive according to EU A.14	
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	not applicable
Auto-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not applicable
Oxidizing properties	
No information available.	
Vapour pressure:	not determined
Vapour pressure:	not determined

Density (at 20 °C):	1,88 g/cm³
Bulk density:	not determined
Water solubility:	practically insoluble

Solubility in other solvents

No information available.

Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Flow time:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Protect from sunlight. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

10.5. Incompatible materials

Radical former

10.6. Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Harmful if swallowed.

ATEmix calculated

ATE (oral) 2000,0 mg/kg

CAS No	Chemical name				
	Exposure route	Dose		Species	Source
	Aliphatic urethane acrylate				
	oral	ATE	500 mg/kg		
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate				
	oral	LD50 mg/kg	ca. 7900	Rat	J. Ind. Hyg. Toxicol. 23: 343-351 (1941)
	dermal	LD50	> 5000 mg/kg	Rabbit	Study report (1982)
	inhalative (4 h) vapour	LC50	29,8 mg/l	Rat	J. Dent. Res. 59: 1074 (1980)
119-61-9	Benzophenone				
	oral	LD50 mg/kg	ca. 2895	Mouse	Eur J Toxicol Environ Hyg 9, 99-103 (197
	dermal	LD50	3535 mg/kg	Rabbit	Food Cosmet Toxicol 11, 873-874 (1979)
868-77-9	2-hydroxyethyl methacrylate				
	oral	LD50	5050 mg/kg	Rat	
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide				
	oral	LD50	>5000 mg/kg	Rat	
	dermal	LD50	>5000 mg/kg	Rat	

Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

Sensitising effects

May cause an allergic skin reaction. (4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid; Aliphatic urethane acrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate; 2-hydroxyethyl methacrylate; diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause respiratory irritation. (methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate)

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 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose		[h] | [d]	Species	Source
55818-57-0	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid					
	Acute fish toxicity	LC50	> 0,082 mg/l	96 h	Cyprinus carpio	Study report (2004)
	Acute algae toxicity	ErC50	105 mg/l	72 h	Pseudokirchneriella subcapitata	Study report (2010)
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna	Study report (2010)
	Acute bacteria toxicity	(> 1000 mg/l)		3 h	Activated sludge	Study report (2010)
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate					
	Acute fish toxicity	LC50	> 79 mg/l	96 h	Oncorhynchus mykiss	European Union - Risk Assessment Report,
	Acute algae toxicity	ErC50	> 110 mg/l	72 h	Pseudokirchneriella subcapitata	European Union - Risk Assessment Report,
	Acute crustacea toxicity	EC50	69 mg/l	48 h	Daphnia magna	European Union - Risk Assessment Report,
	Crustacea toxicity	NOEC	37 mg/l	21 d	Daphnia magna	European Union - Risk Assessment Report,
119-61-9	Benzophenone					
	Acute fish toxicity	LC50	15,3 mg/l	96 h	Pimephales promelas	Study report (1984)
	Acute algae toxicity	ErC50	3,5 mg/l	72 h	Pseudokirchneriella subcapitata	Peer-reviewed database (2010)
	Acute crustacea toxicity	EC50	6,784 mg/l	48 h	Daphnia magna	Study report (2011)
	Fish toxicity	NOEC	5,86 mg/l	7 d	Pimephales promelas	Environmental Toxicology and Chemistry 1
	Crustacea toxicity	NOEC	0,2 mg/l	21 d	Daphnia magna	Peer-reviewed database (2010)
	Acute bacteria toxicity	(787 mg/l)		3 h	activated sludge of a predominantly domestic sewag	Study report (2011)
868-77-9	2-hydroxyethyl methacrylate					
	Acute fish toxicity	LC50	227 mg/l	96 h	Pimephales promelas	
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide					
	Acute algae toxicity	ErC50	>2,01 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50	3,53 mg/l	48 h	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
55818-57-0	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	ca. 1,6 - 3,8
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate	1,38
119-61-9	Benzophenone	3,147
868-77-9	2-hydroxyethyl methacrylate	0,47

BCF

CAS No	Chemical name	BCF	Species	Source
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate	ca. 3		QSAR based on public
119-61-9	Benzophenone	3,4 - 9,2	Oryzias latipes	Hazardous Substances

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN 3077
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aliphatic urethane acrylate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Classification code:	M7
Special Provisions:	274 335 375 601
Limited quantity:	5 kg
Excepted quantity:	E1
Transport category:	3
Hazard No:	90
Tunnel restriction code:	-

Inland waterways transport (ADN)

14.1. UN number:	UN 3077
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aliphatic urethane acrylate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Classification code:	M7
Special Provisions:	274 335 375 601
Limited quantity:	5 kg
Excepted quantity:	E1

Marine transport (IMDG)

14.1. UN number:	UN 3077

14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aliphatic urethane acrylate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Marine pollutant:	PP
Special Provisions:	274, 335, 966, 967, 969
Limited quantity:	5 kg
Excepted quantity:	E1
EmS:	F-A, S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	UN 3077
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aliphatic urethane acrylate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Special Provisions:	A97 A158 A179 A197
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y956
Excepted quantity:	E1
IATA-packing instructions - Passenger:	956
IATA-max. quantity - Passenger:	400 kg
IATA-packing instructions - Cargo:	956
IATA-max. quantity - Cargo:	400 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	yes
Danger releasing substance:	Aliphatic urethane acrylate

14.6. Special precautions for user

No information available.

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

No information available.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3: 2-hydroxyethyl methacrylate

Information according to 2012/18/EU (SEVESO III): E1 Hazardous to the Aquatic Environment

National regulatory information

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid
methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate
Benzophenone

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

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:Règlement international conernat le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Refulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effectice concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Relevant H and EUH statements (number and full text)

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.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singulary responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)