according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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

#### 1.1. Product identifier

DruckWege Type D Castable Wax

W1S2-X08M-K00Q-G09C

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

#### Use of the substance/mixture

3D Printing resin

#### Uses advised against

Not for intraoral area.

#### 1.3. Details of the supplier of the safety data sheet

Company name: DruckWege BV Street: Wasaweg 1a

Place: NL-9723JD Groningen Telephone: +31 50 7630845

e-mail: support@druckwege.com

Contact person: Rolf Meijer

Internet: www.druckwege.com

1.4. Emergency telephone +31 50 7630845 Only available during office hours.

number:

#### **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

#### **GB CLP Regulation**

Skin Irrit. 2: H315 Eye Irrit. 2; H319 Skin Sens. 1A; H317 Repr. 2; H361f Aquatic Acute 1; H400

Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

### **GB CLP Regulation**

# Hazard components for labelling

hexamethylene diacrylate; hexane-1,6-diol diacrylate Propylidynetrimethanol, ethoxylated, esters with acrylic acid

4-(1,1-dimethylethyl)cyclohexyl acrylate

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

Propylidynetrimethanol, ethoxylated, esters with acrylic acid, reaction products withdiethylamine (1 - 6.5 moles ethoxylated)

Pentaerythritol tetrakis(3-mercaptopropionate)

Warning Signal word:

Pictograms:







according to UK REACH Regulation

## **DruckWege Type D Castable Wax**

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#### **Hazard statements**

H315	Causes skin irritation.
пото	Causes skill illitation.

H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H361f Suspected of damaging fertility.
 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.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P362+P364 Take off contaminated clothing and wash it before reuse.
Dispose of waste according to applicable legislation.

#### 2.3. Other hazards

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

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

#### 3.2. Mixtures

according to UK REACH Regulation

# **DruckWege Type D Castable Wax**

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## **Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation	۱)	•	
13048-33-4	hexamethylene diacrylate; hexane	e-1,6-diol diacrylate		50 - 70 %
	235-921-9	607-109-00-8	01-2119484737-22	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens H411	. 1, Aquatic Acute 1, Aqua	tic Chronic 2; H315 H319 H317 H400	
28961-43-5	Propylidynetrimethanol, ethoxylate	ed, esters with acrylic acid		10 - 20 %
	500-066-5		01-2119489900-30	
	Eye Irrit. 2, Skin Sens. 1; H319 H3	317		
84100-23-2	4-(1,1-dimethylethyl)cyclohexyl ac	rylate		5 - < 10 %
	282-104-8	607-133-00-9	01-2120735441-62	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens H319 H317 H335 H400 H411	. 1A, STOT SE 3, Aquatic	Acute 1, Aquatic Chronic 2; H315	
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)pl	nosphine oxide		1 - < 5 %
	278-355-8	015-203-00-X		
	Repr. 2, Skin Sens. 1B, Aquatic C	hronic 2; H361f H317 H41	1	
159034-91-0	Propylidynetrimethanol, ethoxylate (1 - 6.5 moles ethoxylated)	ed, esters with acrylic acid,	reaction products withdiethylamine	1 - < 5 %
	500-425-6		01-2119976593-23	
	Eye Irrit. 2, Skin Sens. 1A; H319 H	H317		
7575-23-7	Pentaerythritol tetrakis(3-mercapte	opropionate)		1 - < 5 %
	231-472-8		01-2119486981-23	
	Acute Tox. 4, Skin Sens. 1, Aquat	ic Acute 1, Aquatic Chroni	c 1; H302 H317 H400 H410	
110-82-7	cyclohexane			< 0.1 %
	203-806-2	601-017-00-1	01-2119463273-41	
	Flam. Liq. 2, Skin Irrit. 2, STOT SI H315 H336 H304 H400 H410	∃ 3, Asp. Tox. 1, Aquatic A	cute 1, Aquatic Chronic 1; H225	

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

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Cond	c. Limits, M-factors and ATE	
13048-33-4	235-921-9	hexamethylene diacrylate; hexane-1,6-diol diacrylate	50 - 70 %
	dermal: LD5	0 = 3650 mg/kg; oral: LD50 = 5000 mg/kg	
28961-43-5	500-066-5	Propylidynetrimethanol, ethoxylated, esters with acrylic acid	10 - 20 %
	dermal: LD5	0 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
84100-23-2	282-104-8	4-(1,1-dimethylethyl)cyclohexyl acrylate	5 - < 10 %
	STOT SE 3; I M acute; H40	H335: >= 10 - 100 00: M=1	
75980-60-8	278-355-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	1 - < 5 %
	dermal: LD5	0 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
7575-23-7	231-472-8	Pentaerythritol tetrakis(3-mercaptopropionate)	1 - < 5 %
	oral: LD50 =	1000 mg/kg	
110-82-7	203-806-2	cyclohexane	< 0.1 %
	M acute; H40 M chron.; H4		

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### **General information**

If unconscious but breathing normally, place in recovery position and seek medical advice.

When in doubt or if symptoms are observed, get medical advice.

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

#### After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

In the case of bluish discoloration (lips, earlobes, finger nails) give oxygen as soon as possible.

If breathing is irregular or stopped, administer artificial respiration.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician. Call a doctor if you feel unwell.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. Protect uninjured eye. Consult an ophthalmologist.

#### After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. Get medical advice/attention.

#### 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

Treat symptomatically.

#### **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

### 5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated: Gases/vapours, toxic.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

#### Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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

## 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Remove persons to safety. Use personal protection equipment.

### For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment.

# For emergency responders

Use personal protection equipment.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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#### 6.3. Methods and material for containment and cleaning up

#### For containment

Stop leak if safe to do so.

#### For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### Other information

Clean contaminated articles and floor according to the environmental legislation.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

#### Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### Advice on protection against fire and explosion

Usual measures for fire prevention.

### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Do not breathe gas/fumes/vapour/spray.

#### 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

#### Hints on joint storage

No information available.

# 7.3. Specific end use(s)

3D Printing resin

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

#### 8.1. Control parameters

### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
110-82-7	Cyclohexane	100	350		TWA (8 h)	WEL
		300	1050		STEL (15 min)	WEL

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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#### **DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
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	Environmental compartment Value		
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide		
Freshwater 0,004 mg/l			
Freshwater (intermittent releases) 0,035 mg/l			
Freshwater sediment 0,02		0,029 mg/kg	
Marine sediment 0		0,029 mg/kg	
Soil 0,056		0,056 mg/kg	

#### 8.2. Exposure controls





#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

### Individual protection measures, such as personal protective equipment

## Eye/face protection

Wear eye/face protection.

## **Hand protection**

Wear protective gloves.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

## Skin protection

Use of protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

#### Thermal hazards

No information available.

## **Environmental exposure controls**

Do not allow to enter into surface water or drains.

### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state: Liquid Colour: various

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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Odour: like: Acrylate
Odour threshold: not determined

Changes in the physical state

Melting point/freezing point:

Boiling point or initial boiling point and

> 100 °C

boiling range:

Flash point: > 103 °C

**Flammability** 

Solid/liquid: not applicable
Gas: not applicable

**Explosive properties** 

The product is not: Explosive.

Lower explosion limits:

Upper explosion limits:

not determined

not determined

Auto-ignition temperature:

> 341 °C

Self-ignition temperature

Solid: not applicable
Gas: not applicable
Decomposition temperature: not determined
pH-Value: not determined
Viscosity / dynamic: not determined
Viscosity / kinematic: not determined
Water solubility: poorly soluble

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure: < 1 hPa

(at 20 °C)

Density: not determined Relative vapour density: not determined

9.2. Other information

Other safety characteristics

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 known hazardous reactions.

#### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No information available.

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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### 10.6. Hazardous decomposition products

In case of fire may be liberated: Gases/vapours, toxic.

### **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in GB CLP Regulation

#### **Acute toxicity**

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

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
13048-33-4	hexamethylene diacrylat	hexamethylene diacrylate; hexane-1,6-diol diacrylate				
	oral	LD50 mg/kg	5000	Rat	Manufacturer	
	dermal	LD50 mg/kg	3650	Rabbit	Manufacturer	OECD 402
28961-43-5	Propylidynetrimethanol,	ethoxylated	, esters with a	acrylic acid		
	oral	LD50 mg/kg	> 2000	Rat	Manufacturer	
	dermal	LD50 mg/kg	> 2000	Rabbit	Manufacturer	
75980-60-8	diphenyl(2,4,6-trimethylb	enzoyl)pho	sphine oxide			
	oral	LD50 mg/kg	> 5000	Rat	Manufacturer	
	dermal	LD50 mg/kg	> 2000	Rat	Manufacturer	
7575-23-7	Pentaerythritol tetrakis(3	-mercaptop	ropionate)			
	oral	LD50 mg/kg	1000	Rat	Manufacturer	OECD 423

### Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

### Sensitising effects

May cause an allergic skin reaction. (hexamethylene diacrylate; hexane-1,6-diol diacrylate;

Propylidynetrimethanol, ethoxylated, esters with acrylic acid; 4-(1,1-dimethylethyl)cyclohexyl acrylate;

diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide; Propylidynetrimethanol, ethoxylated, esters with acrylic acid, reaction products withdiethylamine (1 - 6.5 moles ethoxylated); Pentaerythritol tetrakis(3-mercaptopropionate))

## Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of damaging fertility. (diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

### STOT-single exposure

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

# STOT-repeated exposure

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

### **Aspiration hazard**

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

## Information on likely routes of exposure

oral, Skin contact, Eye contact, Inhalation.

#### 11.2. Information on other hazards

according to UK REACH Regulation

# **DruckWege Type D Castable Wax**

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## **Endocrine disrupting properties**

No information available.

# **SECTION 12: Ecological information**

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method
13048-33-4	hexamethylene diacrylate	hexamethylene diacrylate; hexane-1,6-diol diacrylate					
	Acute bacteria toxicity	(EC50 mg/l)	270	0,5 h	Activated sludge	Manufacturer	OECD 209
75980-60-8	diphenyl(2,4,6-trimethylbe	enzoyl)phos	phine oxide				
	Acute algae toxicity	ErC50 mg/l	> 2,01	72 h	Scenedesmus subspicatus	Manufacturer	
	Acute crustacea toxicity	EC50 mg/l	3,53	48 h	Daphnia magna (Big water flea)	Manufacturer	
	Acute bacteria toxicity	(EC50 mg/l)	> 1000	3 h	Activated sludge	Manufacturer	
7575-23-7	Pentaerythritol tetrakis(3-	mercaptopro	opionate)				
	Acute fish toxicity	LC50 mg/l	0,42	96 h	Piscis	Manufacturer	OECD 203
	Acute crustacea toxicity	EC50 mg/l	0,71	48 h	Daphnia spec	Manufacturer	OECD 202

## 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation	-	-		
13048-33-4	hexamethylene diacrylate; hexane-1,6-diol diacrylate				
	OECD 310 60 - 70 % 28 Manufacturer				
	Readily biodegradable (according to OECD criteria).				
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide				
	Biodegradation, Water 0 - 10 % 28 Manufacturer				
	Poorly biodegradable.	•	-	-	

### 12.3. Bioaccumulative potential

The product has not been tested.

## Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
13048-33-4	hexamethylene diacrylate; hexane-1,6-diol diacrylate	2,81
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	3,1

# BCF

CAS No	Chemical name	BCF	Species	Source
	diphenyl(2,4,6-trimethylbenzoyl)phosphi ne oxide		Cyprinus carpio (Common Carp) fish	Manufacturer

## 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No information available.

#### **Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

### **SECTION 14: Transport information**

# Land transport (ADR/RID)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(hexamethylene diacrylate; hexane-1,6-diol diacrylate)

14.3. Transport hazard class(es):

14.4. Packing group:

Hazard label:



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Classification code: M6

Special Provisions: 274 335 375 601

Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 90
Tunnel restriction code: -

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(hexamethylene diacrylate; hexane-1,6-diol diacrylate)

14.3. Transport hazard class(es):

**14.4. Packing group:** III Hazard label: 9



9

Classification code: M6

Special Provisions: 274 335 375 601

Limited quantity: 5 L Excepted quantity: E1

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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Marine transport (IMDG)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(hexamethylene diacrylate; hexane-1,6-diol diacrylate)

14.3. Transport hazard class(es):

14.4. Packing group:

Hazard label:



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Special Provisions: 274, 335, 969

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-A. S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(hexamethylene diacrylate; hexane-1,6-diol diacrylate)

14.3. Transport hazard class(es):

14.4. Packing group:IIIHazard label:9



9

Special Provisions: A97 A158 A197

Limited quantity Passenger: 30 kg G Passenger LQ: Y964 Excepted quantity: E1

IATA-packing instructions - Passenger:964IATA-max. quantity - Passenger:450 LIATA-packing instructions - Cargo:964IATA-max. quantity - Cargo:450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: hexamethylene diacrylate; hexane-1,6-diol diacrylate

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

### **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, Entry 40, Entry 57, Entry 75

2010/75/EU (VOC): < 8%

according to UK REACH Regulation

### **DruckWege Type D Castable Wax**

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Information according to 2012/18/EU

(SEVESO III):

E1 Hazardous to the Aquatic Environment

**National regulatory information** 

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or

nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water

## 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

#### **SECTION 16: Other information**

### Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

**UN: United Nations** 

CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LC50: Lethal concentration, 50%

LD50: Lethal dose, 50% LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container VOC: Volatile Organic Compounds SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1A; H317	Calculation method
Repr. 2; H361f	Calculation method
Aquatic Acute 1; H400	Calculation method
Aquatic Chronic 2; H411	Calculation method

## Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.	25	Highly flammable liquid and vapour.
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H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

according to UK REACH Regulation

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H319	Causes serious eye irritation.	-
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H361f	Suspected of damaging fertility.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	

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

product properties and establishes no contract legal rights. The receiver of our product is singularly responsible

for adhering to existing laws and regulations.