

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law. SDS Reference Number: 1342777
Issue date: 22/06/2022 Revision date: 21/10/2025 Supersedes: 22/06/2022 Version: 2.0

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

### 1.1. Product identifier

Product form : Mixture

Product name : VariDur 10 & 200 Liquid Product code : 11-1029, 11-1033

#### 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 : Laboratory chemicals

1.2.2. Uses advised against

Restrictions on use : None known

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

Supplier Only Representative

Buehler ITW Test & Measurement GmbH

41 Waukegan Rd Meisenweg 35

60044 Lake Bluff – IL 70771 Leinfelden-Echterdingen

T 1-847-295-6500 Germany

<u>custserv@buehler.com</u>

T +49 0 711 4904690-0

<u>lab.eu@buehler.com</u>

1.4. Emergency telephone number

Emergency number : Global Access Code: 334545; Americas" +1 760 476 3962; Middle East/Africa: +1 760 476

3959; Asia Pacific +1 760 476 3960; Europe +1 760 476 3961

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

#### 2.1. Classification of the substance or mixture

### Classification according to GB CLP (SI 2019:720 as amended)

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2

Skin sensitisation, Category 1

Carcinogenicity, Category 1B

Reproductive toxicity, Category 1B

H360Df

Specific target organ toxicity – Single exposure, Category 3, Respiratory

H335

tract irritation

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

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

#### Adverse physicochemical, human health and environmental effects

May cause cancer. May damage fertility or the unborn child. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

#### Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GHS UK)





GHS07

GHS08

Signal word (GHS UK) : Danger

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Contains	: Tetrahydrofurfuryl methacrylate; 2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol; 1,4-Butanediol dimethacrylate; Benzenamine, N,N,4-trimethyl-
Hazard statements (GHS UK)	: H315 - Causes skin irritation.
	H317 - May cause an allergic skin reaction.
	H319 - Causes serious eye irritation.
	H335 - May cause respiratory irritation.
	H350 - May cause cancer.
	H360Df - May damage the unborn child. Suspected of damaging fertility.
	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (GHS UK)	: P201 - Obtain special instructions before use.
	P202 - Do not handle until all safety precautions have been read and understood.
	P261 - Avoid breathing dust, fume, gas, mist, vapours or spray.
	P264 - Wash hands, forearms and face thoroughly after handling.

## 2.3. Other hazards

### Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII	Tetrahydrofurfuryl methacrylate (2455-24-5), 2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1), 1,4-Butanediol dimethacrylate (2082-81-7), Benzenamine, N,N,4-trimethyl- (99-97-8)
Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII	Tetrahydrofurfuryl methacrylate (2455-24-5), 2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1), 1,4-Butanediol dimethacrylate (2082-81-7), Benzenamine, N,N,4-trimethyl- (99-97-8)

P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing should not be allowed out of the workplace.

#### **Results of Endocrine Disruptor assessment**

Component	
Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP	Tetrahydrofurfuryl methacrylate(2455-24-5), 2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol(27813-02-1), 1,4-Butanediol dimethacrylate(2082-81-7), Benzenamine, N,N,4-trimethyl-(99-97-8)

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

## 3.1. Substances

Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
Tetrahydrofurfuryl methacrylate	CAS-No.: 2455-24-5 EC-No.: 219-529-5	66.19	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 Repr. 1B, H360Df STOT SE 3, H335 Aquatic Chronic 3, H412
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol	CAS-No.: 27813-02-1 EC-No.: 248-666-3	28.26	Eye Irrit. 2, H319 Skin Sens. 1, H317
1,4-Butanediol dimethacrylate	CAS-No.: 2082-81-7 EC-No.: 218-218-1	4.76	Skin Sens. 1B, H317

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
Benzenamine, N,N,4-trimethyl-	CAS-No.: 99-97-8 EC-No.: 202-805-4	0.78	Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.4 mg/l/4h) Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=1.4 mg/l/4h) Carc. 1B, H350 STOT RE 2, H373 Aquatic Chronic 3, H412

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

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

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

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 : Wash skin with plenty of water. Take off 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. If eye irritation persists: Get medical advice/attention.

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

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

### 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 : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

Chronic symptoms : May damage fertility or the unborn child.

## 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.

Unsuitable extinguishing media : Not determined:

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

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Do not enter fire area without proper

protective equipment, including respiratory protection.

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

breathing apparatus. Complete protective clothing.

21/10/2025 (Revision date) GB - en 3/12

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

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

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

: Wear recommended personal protective equipment. Protective equipment

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Avoid

breathing dust/fume/gas/mist/vapours/spray.

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".

**Emergency procedures** Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to

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

Additional hazards when processed Precautions for safe handling

: Not expected to present a significant hazard under anticipated conditions of normal use.

prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and

eves.

Hygiene measures

Separate working clothes from town clothes. Launder separately. 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 : Keep in a cool, well-ventilated place away from heat.

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

#### 7.3. Specific end use(s)

No additional information available

21/10/2025 (Revision date) GB - en 4/12

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

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

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Personal protective equipment symbol(s):







#### 8.2.3. Environmental exposure controls

### **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 : Liquid. Colour : Colourless. Odour : Solvent. : Not available Odour threshold рΗ : Not available : Not applicable Melting point Freezing point : Not available **Boiling** point : 178 °C Flash point : 91 °C Flammability : Not available **Explosive limits** : Not available Vapour pressure : 0.1 hPa Vapour pressure at 50°C : Not available Relative vapour density at 20°C : Not available Relative density 1.035 : Not available Density Solubility : Not available

Partition coefficient n-octanol/water (Log Kow)

Auto-ignition temperature

21/10/2025 (Revision date) GB - en 5/12

: Not available

: Not available

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Decomposition temperature : Not available Viscosity, kinematic : Not available Explosive properties : Not available

#### 9.2. Other information

Particle characteristics : Not applicable

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

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 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

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 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) : Not classified. (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified. (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified. (Based on available data, the classification criteria are not met)

Tetrahydrofurfuryl methacrylate (2455-24-5)		
LD50 oral rat	3945 - 4000 mg/kg (Source: NICNAS)	
ATE UK (oral)	3972.5 mg/kg bodyweight	
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)		
LD50 oral rat	11200 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)	
ATE UK (oral)	11200 mg/kg bodyweight	
1,4-Butanediol dimethacrylate (2082-81-7)		
LD50 dermal rabbit	> 3000 mg/kg (Source: ECHA_API)	
Benzenamine, N,N,4-trimethyl- (99-97-8)		
LD50 oral rat	1650 mg/kg (Source: NZ_CCID)	
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)	
LC50 Inhalation - Rat	1.4 mg/l/4h	
ATE UK (oral)	100 mg/kg bodyweight	

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Benzenamine, N,N,4-trimethyl- (99-97-8)	
ATE UK (Gases)	4500 ppmv/4h
ATE UK (vapours)	1.4 mg/l/4h
ATE UK (dust, mist)	1.4 mg/l/4h
Skin corrosion/irritation :	Causes skin irritation.
Serious eye damage/irritation :	Causes serious eye irritation.
Respiratory or skin sensitisation :	May cause an allergic skin reaction.
Germ cell mutagenicity :	Not classified. (Based on available data, the classification criteria are not met)
Carcinogenicity :	May cause cancer.
Benzenamine, N,N,4-trimethyl- (99-97-8)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity :	2B - Possibly carcinogenic to humans  May damage the unborn child. Suspected of damaging fertility.
0 1	
Reproductive toxicity :	May damage the unborn child. Suspected of damaging fertility.
Reproductive toxicity : STOT-single exposure :	May damage the unborn child. Suspected of damaging fertility.
Reproductive toxicity : STOT-single exposure : Tetrahydrofurfuryl methacrylate (2455-24-5)	May damage the unborn child. Suspected of damaging fertility.  May cause respiratory irritation.
Reproductive toxicity : STOT-single exposure :  Tetrahydrofurfuryl methacrylate (2455-24-5) STOT-single exposure	May damage the unborn child. Suspected of damaging fertility.  May cause respiratory irritation.  May cause respiratory irritation.
Reproductive toxicity : STOT-single exposure :  Tetrahydrofurfuryl methacrylate (2455-24-5) STOT-single exposure STOT-repeated exposure :	May damage the unborn child. Suspected of damaging fertility.  May cause respiratory irritation.  May cause respiratory irritation.

### Other information

No additional information available

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified. (Based on available data, the classification criteria are not met)

(acute)

 $\label{thm:long-term} \hbox{Hazardous to the aquatic environment, long-term} \qquad : \quad \hbox{Harmful to aquatic life with long lasting effects.}$ 

(chronic)

Tetrahydrofurfuryl methacrylate (2455-24-5)	
LC50 - Fish [1]	31.1 - 38.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
Benzenamine, N,N,4-trimethyl- (99-97-8)	
LC50 - Fish [1]	42 - 50.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

## 12.2. Persistence and degradability

VariDur 10 & 200 Liquid		
Persistence and degradability	Not rapidly degradable	
Tetrahydrofurfuryl methacrylate (2455-24-5)		
Persistence and degradability	Not rapidly degradable	
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)		
Persistence and degradability	Not rapidly degradable	

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

1,4-Butanediol dimethacrylate (2082-81-7)	
Persistence and degradability	Not rapidly degradable
Benzenamine, N,N,4-trimethyl- (99-97-8)	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

Tetrahydrofurfuryl methacrylate (2455-24-5)		
Partition coefficient n-octanol/water (Log Pow)	1.76 (at 22.6 °C)	
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)		
Partition coefficient n-octanol/water (Log Pow)	0.97 (at 20 °C (at pH 2-8)	
1,4-Butanediol dimethacrylate (2082-81-7)		
Partition coefficient n-octanol/water (Log Pow)	3.1 (at 20 °C)	
Benzenamine, N,N,4-trimethyl- (99-97-8)		
Partition coefficient n-octanol/water (Log Pow)	1.729 (at 35 °C (at pH 5.6)	

## 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

Component		
Tetrahydrofurfuryl methacrylate (2455-24-5)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII	
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII	
1,4-Butanediol dimethacrylate (2082-81-7)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII	
Benzenamine, N,N,4-trimethyl- (99-97-8)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII	

## 12.6. Other adverse effects

Ozone : Not classified. (Based on available data, the classification criteria are not met)

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

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

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

## **SECTION 14: Transport information**

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

21/10/2025 (Revision date) GB - en 8/12

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

ADR	IMDG	IATA	ADN	RID	
14.1. UN number					
Not regulated for transport					
14.2. UN proper shipping	g name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
Transport document descr	iption				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.3. Transport hazard o	class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.4. Packing group					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.5. Environmental haz	ards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
No supplementary information available					

## 14.6. Special precautions for user

#### **Overland transport**

Not regulated

#### Transport by sea

Not regulated

## Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

## 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. National regulations

#### **UK REACH Annex XVII (Restriction List)**

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

## **UK REACH Annex XIV (Authorisation List)**

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

#### **UK REACH Candidate List (SVHC)**

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC) above the 0.1% level of disclosure

### **GB PIC Regulation (Prior Informed Consent)**

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

#### **POP Regulation (Persistent Organic Pollutants)**

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

#### Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

### **Control of Poisons and Explosives Precursors Act**

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations

#### **Drug Precursors Regulation (EC 273/2004)**

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

#### 15.1.2. Other Information

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Abbreviations and acronyms:				
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways			
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road			
ATE	Acute Toxicity Estimate			
BCF	Bioconcentration factor			
BLV	Biological limit value			
BOD	Biochemical oxygen demand (BOD)			
BS EN	British Standard			
CAS-No.	Chemical Abstract Service number			
COD	Chemical oxygen demand (COD)			
DMEL	Derived Minimal Effect level			
DNEL	Derived-No Effect Level			
EC-No.	European Community number			
EC50	Median effective concentration			
ED	Endocrine disruptor			
IARC	International Agency for Research on Cancer			
IATA	International Air Transport Association			
IMDG	International Maritime Dangerous Goods			
LC50	Median lethal concentration			
LD50	Median lethal dose			
LOAEL	Lowest Observed Adverse Effect Level			
NOAEC	No-Observed Adverse Effect Concentration			
NOAEL	No-Observed Adverse Effect Level			

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Abbreviations and acronyms:		
NOEC	No-Observed Effect Concentration	
N.O.S.	Not Otherwise Specified	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
vPvB	Very Persistent and Very Bioaccumulative	

Full text of H- and EUH-statements:			
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3		
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3		
Carc. 1B	Carcinogenicity, Category 1B		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Repr. 1B	Reproductive toxicity, Category 1B		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
Skin Sens. 1	Skin sensitisation, Category 1		
Skin Sens. 1A	Skin sensitisation, category 1A		
Skin Sens. 1B	Skin sensitisation, category 1B		
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2		
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation		
H301	Toxic if swallowed.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H332	Harmful if inhaled.		
H335	May cause respiratory irritation.		
H350	May cause cancer.		
H360	May damage fertility or the unborn child.		
H360Df	May damage the unborn child. Suspected of damaging fertility.		
H373	May cause damage to organs through prolonged or repeated exposure.		
H412	Harmful to aquatic life with long lasting effects.		

Safety Data Sheet (SDS), UK

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

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.