

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

1.1. Product identifier

Product form : Mixture
Trade name : FILETFIX III
Product code : 262600
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Adhesives, sealants
Function or use category : Adhesives, binding agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

VIRAX SAS

39, quai Marne - CS 40197
51206 EPERNAY Cedex

T +33 (0)3 26 59 56 56 - F +33 (0)3 26 59 56 60

hse@virax.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
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

May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazardous ingredients : methacrylic acid
Hazard statements (CLP) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

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Precautionary statements (CLP)	: P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, eye protection, face protection. P302+P352 - IF ON SKIN: Wash with plenty of water/... 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. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P501 - Dispose of contents/container to a hazardous or special waste collection point. P308+P311 - IF exposed or concerned: Call a POISON CENTER or doctor. P362+P364 - Take off contaminated clothing and wash it before reuse.
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2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Bis(2-butoxyethyl) phthalate	(CAS-No.) 117-83-9 (EC-No.) 204-213-1	10 - 30	Aquatic Chronic 4, H413
methacrylic acid; 2-methylpropenoic acid (Note D)	(CAS-No.) 79-41-4 (EC-No.) 201-204-4 (EC Index-No.) 607-088-00-5 (REACH-no) 01-2119463884-26	1 - 3	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1A, H314
α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide	(CAS-No.) 80-15-9 (EC-No.) 201-254-7 (EC Index-No.) 617-002-00-8 (REACH-no) 01-2119475796-19	< 1	Org. Perox. E, H242 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Chronic 2, H411

Specific concentration limits:

Name	Product identifier	Specific concentration limits
methacrylic acid; 2-methylpropenoic acid	(CAS-No.) 79-41-4 (EC-No.) 201-204-4 (EC Index-No.) 607-088-00-5 (REACH-no) 01-2119463884-26	(0 =<C < 25) Acute Tox. Not classified (Oral) (1 =<C < 100) STOT SE 3, H335 (1 =<C < 3) Eye Irrit. 2, H319 (1 =<C < 10) Skin Irrit. 2, H315 (3 =<C < 100) Eye Dam. 1, H318 (10 =<C < 100) Skin Corr. 1A, H314 (25 =<C < 100) Acute Tox. 3 (Dermal), H311
α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide	(CAS-No.) 80-15-9 (EC-No.) 201-254-7 (EC Index-No.) 617-002-00-8 (REACH-no) 01-2119475796-19	(0 <C < 10) STOT SE 3, H335 (1 =<C < 3) Eye Irrit. 2, H319 (3 =<C < 10) Skin Irrit. 2, H315 (3 =<C < 10) Eye Dam. 1, H318 (10 =<C < 100) Skin Corr. 1B, H314

Note D : Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

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. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Rinse skin with water/shower.
First-aid measures after eye contact	: IF IN EYES: 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	: Drink plenty of water. Get medical advice/attention. Rinse mouth out with water. Do not induce vomiting.

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

Symptoms/effects after inhalation : May cause respiratory irritation.

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Symptoms/effects after skin contact : irritation (itching, redness, blistering).

Symptoms/effects after eye contact : Redness, pain. Eye irritation.

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 : Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Water. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Reactivity in case of fire : Burning produces stinking and toxic fumes. irritating fumes. and (carbon monoxide - carbon dioxide). Mixture of hydrocarbons.

5.3. Advice for firefighters

Protection during firefighting : Wear positive pressure air supplied respirator if required by safe entry procedures. Protective non-flammable clothing. Do not attempt to take action without suitable protective equipment. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. No open flames. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid breathing vapours, dust. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. 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

For containment : Store away from other materials.

Methods for cleaning up : Take up liquid spill into absorbent material. On land, sweep or shovel into suitable containers.

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

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Hygiene measures : Wash contaminated clothing before reuse. 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

Storage conditions : Keep only in original container. Keep container tightly closed. Keep container closed when not in use.

Incompatible materials : Heat sources. combustible materials.

Storage temperature : 5 - 25 °C

Special rules on packaging : Spill must not return in its original container. Keep only in original container.

7.3. Specific end use(s)

Adhesives, sealants. It is not recommended to use this product for joints that will be in contact with pure oxygen or steam.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

methacrylic acid; 2-methylpropenoic acid (79-41-4)		
United Kingdom	Local name	Methacrylic acid
United Kingdom	WEL TWA (mg/m ³)	72 mg/m ³
United Kingdom	WEL TWA (ppm)	20 ppm
United Kingdom	WEL STEL (mg/m ³)	143 mg/m ³
United Kingdom	WEL STEL (ppm)	40 ppm
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

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methacrylic acid; 2-methylpropenoic acid (79-41-4)

DNEL/DMEL (Workers)

Acute - systemic effects, dermal	4.25 mg/kg bodyweight/day
Acute - systemic effects, inhalation	29.6 mg/m ³
Acute - local effects, inhalation	88 mg/m ³

PNEC (Water)

PNEC aqua (freshwater)	0.82 mg/l
PNEC aqua (marine water)	0.82 mg/l

PNEC (Soil)

PNEC soil	1.2 mg/kg dwt
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PNEC (STP)

PNEC sewage treatment plant	10 mg/l
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α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide (80-15-9)

DNEL/DMEL (Workers)

Acute - systemic effects, inhalation	6 mg/m ³
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PNEC (Water)

PNEC aqua (freshwater)	0.0031 mg/l
PNEC aqua (marine water)	0.00031 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	0.023 mg/kg dwt
PNEC sediment (marine water)	0.0023 mg/kg dwt

PNEC (Soil)

PNEC soil	1.2 mg/kg dwt
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PNEC (STP)

PNEC sewage treatment plant	0.35 mg/l
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8.2. Exposure controls

Appropriate engineering controls:

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

Wear suitable gloves tested to EN374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer. Nitrile rubber gloves. Penetration time of glove material >0.4 mm

Eye protection:

Use eye protection according to EN 166, designed to protect against liquid splashes. Chemical goggles or face shield

Skin and body protection:

Wear suitable coveralls to prevent exposure to the skin. Wear suitable protective clothing

Respiratory protection:

Ensure good ventilation of the work station. EN 14387. In case of inadequate ventilation wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

Use good personal hygiene practices. Always wash hands after handling the product. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Pasty.
Colour	: Yellow.
Odour	: Acrid.

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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	: > 150 °C
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	: 1.13
Solubility	: insoluble in water. soluble in most organic solvents.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: ≈ 70000 mPa·s Thixotropic paste
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : < 1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with (strong) oxidizers.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

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

Metals and metallic salts. Oxidizing agents and reducing agents.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Organic compounds.

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)

methacrylic acid; 2-methylpropenoic acid (79-41-4)

LD50 oral rat	1320 mg/kg
LD50 dermal rabbit	1000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	7.1 mg/l/4h

α, α-dimethylbenzyl hydroperoxide; cumene hydroperoxide (80-15-9)

LD50 oral rat	328 mg/kg
LD50 dermal rat	1200 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1.37 mg/l/4h

Bis(2-butoxyethyl) phthalate (117-83-9)

LD50 oral rat	> 2000 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)

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α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide (80-15-9)

NOAEL (animal/male, F0/P)	>= 100 mg/kg bodyweight
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STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Other information	: Not fully tested. The chemical safety assessment has not been finalized.

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 (Based on available data, the classification criteria are not met)
Chronic aquatic toxicity	: Not classified (Based on available data, the classification criteria are not met)

methacrylic acid; 2-methylpropenoic acid (79-41-4)

LC50 fish 1	85 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia 1	> 130 mg/l
EC50 72h algae (1)	45 mg/l Selenastrum capricornutum
LOEC (acute)	45 mg/l
NOEC chronic fish	10 mg/l
NOEC chronic crustacea	53 mg/l

α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide (80-15-9)

LC50 fish 1	3.9 mg/l Oncorhynchus mykiss (Rainbow trout)
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12.2. Persistence and degradability

methacrylic acid; 2-methylpropenoic acid (79-41-4)

Biodegradation	86 %
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose of this material and its container at hazardous or special waste collection point.
European List of Waste (LoW) code	: Code Waste to be completed according to the use and the list of Decision 2000/352 / EC 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances
HP Code	: HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard 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 hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

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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 established.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	FILETFIX III - α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide - methacrylic acid; 2-methylpropenoic acid
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide - Bis(2-butoxyethyl) phthalate
3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	FILETFIX III - α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide - methacrylic acid; 2-methylpropenoic acid
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

VOC content : < 1 %

Other information, restriction and prohibition regulations : DIRECTIVE 2004/42/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : Not applicable

15.1.2. National regulations

Ensure all national/local regulations are observed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
	Seveso Additional information	Modified	
1.2	Main use category	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Precautionary statements (CLP)	Modified	

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3	Composition/information on ingredients	Modified	
4.1	First-aid measures general	Modified	
4.1	First-aid measures after skin contact	Modified	
4.1	First-aid measures after inhalation	Modified	
4.1	First-aid measures after ingestion	Modified	
4.1	First-aid measures after eye contact	Modified	
4.2	Symptoms/effects after skin contact	Modified	
4.2	Symptoms/effects after eye contact	Modified	
5.1	Unsuitable extinguishing media	Modified	
5.3	Protection during firefighting	Modified	
6.1	Emergency procedures	Modified	
6.2	Environmental precautions	Modified	
6.4	Reference to other sections (8, 13)	Modified	
7.1	Precautions for safe handling	Modified	
7.2	Storage temperature	Added	
7.2	Storage conditions	Modified	
7.3	Specific end uses	Modified	
8.2	Appropriate engineering controls	Modified	
8.2	Other information	Modified	
8.2	Respiratory protection	Modified	
8.2	Hand protection	Modified	
8.2	Eye protection	Modified	
9.1	Viscosity, dynamic	Modified	
9.1	Odour	Modified	
9.1	Relative density	Modified	
10.2	Chemical stability	Modified	
10.3	Possibility of hazardous reactions	Modified	
10.4	Conditions to avoid	Modified	
11.1	Reason for no classification	Added	
13.1	H code	Added	
13.1	European List of Waste (LoW) code	Modified	
16	Abbreviations and acronyms	Modified	

Abbreviations and acronyms:

NOEC	No-Observed Effect Concentration
SDS	Safety Data Sheet
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
STP	Sewage treatment plant
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
BCF	Bioconcentration factor
TLM	Median Tolerance Limit
ATE	Acute Toxicity Estimate
EC50	Median effective concentration
LC50	Median lethal concentration
LD50	Median lethal dose
OECD	Organisation for Economic Co-operation and Development
PNEC	Predicted No-Effect Concentration
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

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Other information : Ensure all national/local regulations are observed. **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Org. Perox. E	Organic Peroxides, Type E
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
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
H242	Heating may cause a fire.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H335	Calculation method

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