

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier:** Alpha 6010 Part A
Other means of identification:
UFI: AV10-00UJ-P009-YNH9
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Adhesive. For professional users/industrial user only.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
ALPHA ADHESIVES & SEALANTS LTD
Llewellyn Close, Sandy Lane Industrial Estate
DY13 9RH Stourport-on-Severn - Worcestershire - United Kingdom
Phone: +44 (0)1299 828626 - Fax: +44 (0)1299 828666
sales@alpha-adhesives.co.uk
- 1.4 Emergency telephone number:** +44 (0)1299 828626 (Available 08:00-16:45 GMT) - +44 (0)7770 654279 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
GB CLP Regulation:
Classification of this product has been carried out in accordance with GB CLP Regulation.
Acute Tox. 3: Acute toxicity on contact with skin, Category 3, H311
Acute Tox. 4: Acute inhalation toxicity, Category 4, H332
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Carc. 1B: Carcinogenicity, Category 1B, H350
Eye Dam. 1: Serious eye damage, Category 1, H318
Flam. Liq. 2: Flammable liquids, Category 2, H225
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

2.2 Label elements:**GB CLP Regulation:**

Danger

**Hazard statements:**

Acute Tox. 3: H311 - Toxic in contact with skin.
Acute Tox. 4: H332 - Harmful if inhaled.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Carc. 1B: H350 - May cause cancer.
Eye Dam. 1: H318 - Causes serious eye damage.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
STOT SE 3: H335 - May cause respiratory irritation.

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P370+P378: In case of fire: Use Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish.
P501: Dispose of contents/ container in accordance with local/regional/national/international regulation.

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SECTION 2: HAZARDS IDENTIFICATION (continued)

Supplementary information:

EUH205: Contains epoxy constituents. May produce an allergic reaction.

Contains 2,2'-ethylenedioxydiethyl dimethacrylate, Glycerol, propoxylated, esters with acrylic acid, maleic anhydride.

Substances that contribute to the classification

Methyl methacrylate; Methacrylic acid; Tosyl chloride; [3-(2,3-epoxypropoxy)propyl]trimethoxysilane; A, α -dimethylbenzyl hydroperoxide; Cumene

Additional Labelling:

Restricted to professional users

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of additives and methacrylates with solvents

Components:

In accordance with Annex II of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020, the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 80-62-6	Methyl methacrylate Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Danger	25 - <60 %
CAS: 109-16-0	2,2'-ethylenedioxydiethyl dimethacrylate Skin Sens. 1: H317 - Warning	5 - <10 %
CAS: 79-41-4	Methacrylic acid Acute Tox. 3: H311; Acute Tox. 4: H302+H332; Eye Dam. 1: H318; Skin Corr. 1A: H314; STOT SE 3: H335 - Danger	5 - <10 %
CAS: 98-59-9	Tosyl chloride Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Irrit. 2: H315; Skin Sens. 1A: H317; EUH029 - Danger	1 - <5 %
CAS: 2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane Aquatic Chronic 3: H412; Eye Dam. 1: H318 - Danger	1 - <5 %
CAS: 128-37-0	2,6-di-tert-butyl-p-cresol Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning	1 - <5 %
CAS: 80-15-9	A,α-dimethylbenzyl hydroperoxide Acute Tox. 3: H331; Acute Tox. 4: H302+H312; Aquatic Chronic 2: H411; Org. Perox. E: H242; Skin Corr. 1B: H314; STOT RE 2: H373 - Danger	0.1 - <1 %
CAS: 52408-84-1	Glycerol, propoxylated, esters with acrylic acid Eye Irrit. 2: H319; Skin Sens. 1: H317 - Warning	0.1 - <1 %
CAS: 98-82-8	Cumene Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Carc. 1B: H350; Flam. Liq. 3: H226; STOT SE 3: H335 - Danger	0.1 - <1 %
CAS: 108-31-6	maleic anhydride Acute Tox. 4: H302; Eye Dam. 1: H318; Resp. Sens. 1: H334; Skin Corr. 1B: H314; Skin Sens. 1A: H317; STOT RE 1: H372; EUH071 - Danger	<0.1 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Methacrylic acid CAS: 79-41-4	1320 mg/kg	500 mg/kg	Rat
	11 mg/L (ATEi)		Rabbit
A, α -dimethylbenzyl hydroperoxide CAS: 80-15-9	600 mg/kg	Not relevant	Rat
	3 mg/L (ATEi)		

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Date of compilation: 27/01/2023

Revised: 24/07/2024

Version: 5 (Replaced 4)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Acute toxicity		Genus
	maleic anhydride CAS: 108-31-6	LD50 oral	
	LD50 dermal	Not relevant	
	LC50 inhalation	Not relevant	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

Request medical assistance immediately, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Contains substances that produce toxic gases when they come into contact with water. Remove contaminated clothes and shoes, clean the affected area with care. In the case of serious reaction consult a doctor. If the product produces burns or freezing, do not remove clothing as this could worsen the injury. In case of blisters forming on the skin, do not burst them as this could increase the risk of infection.

By eye contact:

Contains substances that produce toxic gases when they come into contact with water. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. Request immediate medical assistance, showing the SDS of this product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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**SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)****6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

DO NOT USE WATER TO CLEAN.

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling:****A.- General precautions for safe use**

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 and with the minimum requirements for protecting the security and health of workers under the selection criteria of The Dangerous Substances and Explosive Atmospheres Regulations 2002, 2002 No. 2776. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:**A.- Technical measures for storage**

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

Identification	Occupational exposure limits		
	WEL (8h)	WEL (15 min)	WEL (8h)
Methyl methacrylate CAS: 80-62-6	50 ppm	100 ppm	208 mg/m ³ 416 mg/m ³
2,6-di-tert-butyl-p-cresol CAS: 128-37-0	10 mg/m ³		
sodium hydroxide CAS: 1310-73-2	2 mg/m ³		
maleic anhydride CAS: 108-31-6	1 mg/m ³ 3 mg/m ³		
Tosyl chloride CAS: 98-59-9	5 mg/m ³		
Cumene ⁽¹⁾ CAS: 98-82-8	25 ppm 50 ppm	125 mg/m ³ 250 mg/m ³	

⁽¹⁾ Likely absorption through the skin

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Methyl methacrylate CAS: 80-62-6 EC: 201-297-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	13.67 mg/kg	Not relevant
	Inhalation	Not relevant	416 mg/m ³	348.4 mg/m ³	208 mg/m ³
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0 EC: 203-652-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	13.9 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	48.5 mg/m ³	Not relevant
Methacrylic acid CAS: 79-41-4 EC: 201-204-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	4.25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	29.6 mg/m ³	88 mg/m ³
Tosyl chloride CAS: 98-59-9 EC: 202-684-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0.5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	3.5 mg/m ³	Not relevant
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS: 2530-83-8 EC: 219-784-2	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	10 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	70.5 mg/m ³	Not relevant
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0.5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	3.5 mg/m ³	Not relevant
A,α-dimethylbenzyl hydroperoxide CAS: 80-15-9 EC: 201-254-7	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	Not relevant	6 mg/m ³	Not relevant
Glycerol, propoxylated, esters with acrylic acid CAS: 52408-84-1 EC: 500-114-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2.1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	7.4 mg/m ³	Not relevant
Cumene CAS: 98-82-8 EC: 202-704-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	15.4 mg/kg	Not relevant
	Inhalation	Not relevant	250 mg/m ³	100 mg/m ³	Not relevant
maleic anhydride CAS: 108-31-6 EC: 203-571-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	0.2 mg/m ³	0.2 mg/m ³	0.081 mg/m ³	0.081 mg/m ³

DNEL (General population):

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Date of compilation: 27/01/2023

Revised: 24/07/2024

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Methyl methacrylate CAS: 80-62-6 EC: 201-297-1	Oral	Not relevant	Not relevant	8.2 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	8.2 mg/kg	Not relevant
	Inhalation	Not relevant	208 mg/m ³	74.3 mg/m ³	104 mg/m ³
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0 EC: 203-652-6	Oral	Not relevant	Not relevant	8.33 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	8.33 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	14.5 mg/m ³	Not relevant
Methacrylic acid CAS: 79-41-4 EC: 201-204-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2.55 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	6.3 mg/m ³	6.55 mg/m ³
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS: 2530-83-8 EC: 219-784-2	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	17 mg/m ³	Not relevant
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0.25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0.86 mg/m ³	Not relevant
Cumene CAS: 98-82-8 EC: 202-704-5	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1.2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	16.6 mg/m ³	Not relevant

PNEC:

Identification				
Methyl methacrylate CAS: 80-62-6 EC: 201-297-1	STP	10 mg/L	Fresh water	0.94 mg/L
	Soil	1.48 mg/kg	Marine water	0.094 mg/L
	Intermittent	0.94 mg/L	Sediment (Fresh water)	10.2 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0.102 mg/kg
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0 EC: 203-652-6	STP	1.7 mg/L	Fresh water	0.016 mg/L
	Soil	0.027 mg/kg	Marine water	0.002 mg/L
	Intermittent	0.016 mg/L	Sediment (Fresh water)	0.185 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0.018 mg/kg
Tosyl chloride CAS: 98-59-9 EC: 202-684-8	STP	17.3 mg/L	Fresh water	0.1 mg/L
	Soil	Not relevant	Marine water	0.01 mg/L
	Intermittent	1 mg/L	Sediment (Fresh water)	Not relevant
	Oral	Not relevant	Sediment (Marine water)	Not relevant
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS: 2530-83-8 EC: 219-784-2	STP	8.2 mg/L	Fresh water	0.45 mg/L
	Soil	0.063 mg/kg	Marine water	0.045 mg/L
	Intermittent	0.45 mg/L	Sediment (Fresh water)	1.6 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0.16 mg/kg
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	STP	0.17 mg/L	Fresh water	0.000199 mg/L
	Soil	0.04769 mg/kg	Marine water	0.00002 mg/L
	Intermittent	0.00199 mg/L	Sediment (Fresh water)	0.0996 mg/kg
	Oral	0.00833 g/kg	Sediment (Marine water)	0.00996 mg/kg
A, α -dimethylbenzyl hydroperoxide CAS: 80-15-9 EC: 201-254-7	STP	0.35 mg/L	Fresh water	0.003 mg/L
	Soil	0.003 mg/kg	Marine water	0 mg/L
	Intermittent	0.031 mg/L	Sediment (Fresh water)	0.023 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0.002 mg/kg
Glycerol, propoxylated, esters with acrylic acid CAS: 52408-84-1 EC: 500-114-5	STP	10 mg/L	Fresh water	0.006 mg/L
	Soil	0.012 mg/kg	Marine water	0.001 mg/L
	Intermittent	0.057 mg/L	Sediment (Fresh water)	0.078 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0.008 mg/kg

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)


Identification				
Cumene CAS: 98-82-8 EC: 202-704-5	STP	200 mg/L	Fresh water	0.035 mg/L
	Soil	0.624 mg/kg	Marine water	0.004 mg/L
	Intermittent	0.012 mg/L	Sediment (Fresh water)	3.22 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0.322 mg/kg
maleic anhydride CAS: 108-31-6 EC: 203-571-6	STP	44.6 mg/L	Fresh water	0.038 mg/L
	Soil	0.037 mg/kg	Marine water	0.004 mg/L
	Intermittent	0.379 mg/L	Sediment (Fresh water)	0.296 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0.03 mg/kg

8.2 Exposure controls:


A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<UKCA marking>> or <<CE marking>>. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection


Pictogram	PPE	Remarks
 Mandatory respiratory tract protection	Filter mask for gases and vapours	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

C.- Specific protection for the hands



Pictogram	PPE	Remarks
 Mandatory hand protection	Chemical protective gloves	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	Replace boots at any sign of deterioration.

F.- Additional emergency measures

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Date of compilation: 27/01/2023

Revised: 24/07/2024

Version: 5 (Replaced 4)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012:

V.O.C. (Supply):	61.94 % weight
V.O.C. density at 20 °C:	Not relevant

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Liquid
Appearance:	Paste
Colour:	White
Odour:	Pungent
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	100 °C
Vapour pressure at 20 °C:	3110 Pa
Vapour pressure at 50 °C:	13692.18 Pa (13.69 kPa)
Evaporation rate at 20 °C:	Not relevant *

Product description:

Density at 20 °C:	Not relevant *
Relative density at 20 °C:	~0.98
Dynamic viscosity at 20 °C:	400000 - 500000 cP
Kinematic viscosity at 20 °C:	400000 - 500000 mm ² /s
Kinematic viscosity at 40 °C:	>20.5 mm ² /s
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 °C:	Not relevant *
Partition coefficient n-octanol/water 20 °C:	Not relevant *
Solubility in water at 20 °C:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *

Flammability:

Flash Point:	10 °C
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	275 °C
Lower flammability limit:	Not available

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Upper flammability limit: Not available

Particle characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Not relevant *

Oxidising properties: Not relevant *

Corrosive to metals: Not relevant *

Heat of combustion: Not relevant *

Aerosols-total percentage (by mass) of flammable components: Not relevant *

Other safety characteristics:

Surface tension at 20 °C: Not relevant *

Refraction index: Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Heating may cause a fire or explosion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Precaution	Avoid direct impact	Precaution	Avoid alkalines, heavy metals, reducing agents, peroxide accelerating agents

10.6 Hazardous decomposition products:

Contains substances highly reactive and can auto-polymerize as a result of internal peroxide accumulation. The peroxides formed in these reactions are extremely shock- and heat-sensitive.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Can be fatal if the product is absorbed through the skin. For more information on the secondary effects of skin contact see section 2.
- Contact with the eyes: Produces serious eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Exposure to this product can cause cancer. For more specific information on the possible health effects see section 2.
IARC: Methyl methacrylate (3); 2,6-di-tert-butyl-p-cresol (3); Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (3); Cumene (2B)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
	Route	Dose	
Methacrylic acid CAS: 79-41-4	LD50 oral	1320 mg/kg (ATEi)	Rat
	LD50 dermal	500 mg/kg (ATEi)	Rabbit
	LC50 inhalation	11 mg/L (ATEi)	
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS: 2530-83-8	LD50 oral	8025 mg/kg	Rat
	LD50 dermal	4250 mg/kg	Rabbit
	LC50 inhalation		
2,6-di-tert-butyl-p-cresol CAS: 128-37-0	LD50 oral	10000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0	LD50 oral	10837 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Tosyl chloride CAS: 98-59-9	4680 mg/kg		Rat
A, α -dimethylbenzyl hydroperoxide CAS: 80-15-9	600 mg/kg		Rat
	3 mg/L (ATEi)		
Cumene CAS: 98-82-8	2700 mg/kg		
maleic anhydride CAS: 108-31-6	1090 mg/kg		Rat

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available
Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
	LC50	EC50		
Methyl methacrylate CAS: 80-62-6	191 mg/L (96 h)		Lepomis macrochirus	Fish
	69 mg/L (48 h)		Daphnia magna	Crustacean
	170 mg/L (96 h)		Selenastrum capricornutum	Algae
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0	16.4 mg/L (96 h)		Danio rerio	Fish
	Not relevant			
	Not relevant			
Methacrylic acid CAS: 79-41-4	Not relevant			
	130 mg/L (48 h)		Daphnia magna	Crustacean
	Not relevant			
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS: 2530-83-8	55 mg/L (96 h)		Cyprinus carpio	Fish
	324 mg/L (48 h)		Daphnia magna	Crustacean
	Not relevant			
2,6-di-tert-butyl-p-cresol CAS: 128-37-0	0.57 mg/L (96 h)		Brachydanio rerio	Fish
	0.61 mg/L (48 h)		Daphnia magna	Crustacean
	Not relevant			
A, α -dimethylbenzyl hydroperoxide CAS: 80-15-9	3.9 mg/L (96 h)		Oncorhynchus mykiss	Fish
	18.84 mg/L (48 h)		Daphnia magna	Crustacean
	3.1 mg/L (72 h)		Scenedesmus subspicatus	Algae
Cumene CAS: 98-82-8	2.7 mg/L (96 h)		Salmo gairdneri	Fish
	10.8 mg/L (48 h)		Daphnia magna	Crustacean
	2.6 mg/L (72 h)		Selenastrum capricornutum	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
	NOEC	EC50		
Methyl methacrylate CAS: 80-62-6	9.4 mg/L		Danio rerio	Fish
	37 mg/L		Daphnia magna	Crustacean
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0	Not relevant			
	32 mg/L		Daphnia magna	Crustacean
Methacrylic acid CAS: 79-41-4	Not relevant			
	53 mg/L		Daphnia magna	Crustacean
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS: 2530-83-8	Not relevant			
	100 mg/L		Daphnia magna	Crustacean

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
	NOEC			
2,6-di-tert-butyl-p-cresol CAS: 128-37-0	NOEC	0.053 mg/L	Oryzias latipes	Fish
	NOEC	0.069 mg/L	Daphnia magna	Crustacean
Cumene CAS: 98-82-8	NOEC	0.38 mg/L	Pimephales promelas	Fish
	NOEC	0.35 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Methyl methacrylate CAS: 80-62-6	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	14 days
	BOD5/COD	Not relevant	% Biodegradable	94.3 %
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0	BOD5	Not relevant	Concentration	10 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	85 %
Methacrylic acid CAS: 79-41-4	BOD5	Not relevant	Concentration	3 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	86 %
2,6-di-tert-butyl-p-cresol CAS: 128-37-0	BOD5	Not relevant	Concentration	50 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	4.5 %
A, α -dimethylbenzyl hydroperoxide CAS: 80-15-9	BOD5	Not relevant	Concentration	11 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	3 %
Cumene CAS: 98-82-8	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	14 days
	BOD5/COD	Not relevant	% Biodegradable	40 %
maleic anhydride CAS: 108-31-6	BOD5	Not relevant	Concentration	33.33 mg/L
	COD	Not relevant	Period	29 days
	BOD5/COD	Not relevant	% Biodegradable	98.19 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Methyl methacrylate CAS: 80-62-6	BCF	7
	Pow Log	1.38
	Potential	Low
Methacrylic acid CAS: 79-41-4	BCF	2
	Pow Log	
	Potential	Low
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS: 2530-83-8	BCF	
	Pow Log	0.5
	Potential	
2,6-di-tert-butyl-p-cresol CAS: 128-37-0	BCF	1365
	Pow Log	5.1
	Potential	Very High
A, α -dimethylbenzyl hydroperoxide CAS: 80-15-9	BCF	9
	Pow Log	2.16
	Potential	Low
Cumene CAS: 98-82-8	BCF	120
	Pow Log	3.66
	Potential	High

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Date of compilation: 27/01/2023

Revised: 24/07/2024

Version: 5 (Replaced 4)

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
	maleic anhydride CAS: 108-31-6	BCF
	Pow Log	-2.61
	Potential	

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
	Methyl methacrylate CAS: 80-62-6	Koc	Not relevant	Henry
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2.551E-2 N/m (25 °C)	Moist soil	Not relevant
2,2'-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0	Koc	78	Henry	9.26E-6 Pa·m ³ /mol
	Conclusion	High	Dry soil	No
	Surface tension	Not relevant	Moist soil	No
Methacrylic acid CAS: 79-41-4	Koc	25	Henry	3.9E-2 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	2.912E-2 N/m (25 °C)	Moist soil	Yes
2,6-di-tert-butyl-p-cresol CAS: 128-37-0	Koc	8183	Henry	3.42E-1 Pa·m ³ /mol
	Conclusion	Not relevant	Dry soil	Yes
	Surface tension	1.255E-2 N/m (258.85 °C)	Moist soil	Yes
A,α-dimethylbenzyl hydroperoxide CAS: 80-15-9	Koc	40	Henry	2.2E-2 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	1.484E-2 N/m (25 °C)	Moist soil	No
Cumene CAS: 98-82-8	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2.769E-2 N/m (25 °C)	Moist soil	Not relevant
maleic anhydride CAS: 108-31-6	Koc	42	Henry	0E+0 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	1.673E-2 N/m (250.21 °C)	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances	Hazardous

Type of waste:

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP7 Carcinogenic, HP13 Sensitising, HP8 Corrosive

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste (England & Wales) Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of UK REACH the provisions related to waste management are stated:

UK legislation: The Waste (England & Wales) Regulations 2011.


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SECTION 14: TRANSPORT INFORMATION


Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

	14.1 UN number:	UN1992
	14.2 UN proper shipping name:	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methyl methacrylate)
	14.3 Transport hazard class(es):	3
	Labels:	3, 6.1
	14.4 Packing group:	III
	14.5 Environmental hazards:	No
	14.6 Special precautions for user	
	Tunnel restriction code:	D/E
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:		Not relevant


Transport of dangerous goods by sea:

With regard to IMDG 41-22:

	14.1 UN number:	UN1992
	14.2 UN proper shipping name:	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methyl methacrylate)
	14.3 Transport hazard class(es):	3
	Labels:	3, 6.1
	14.4 Packing group:	III
	14.5 Marine pollutant:	No
	14.6 Special precautions for user	
	Special regulations:	274, 223
	EmS Codes:	F-E, S-D
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
	Segregation group:	Not relevant
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:		Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

	14.1 UN number:	UN1992
	14.2 UN proper shipping name:	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methyl methacrylate)
	14.3 Transport hazard class(es):	3
	Labels:	3, 6.1
	14.4 Packing group:	III
	14.5 Environmental hazards:	No
	14.6 Special precautions for user	
	Physico-Chemical properties:	see section 9
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:		Not relevant

SECTION 15: REGULATORY INFORMATION

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

- Substances listed in UK candidate list of substances of very high concern (SVHCs): Not relevant
- Substances listed in UK REACH Authorisation List (Annex 14): Not relevant

The Control of Major Accident Hazards Regulations 2015:

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SECTION 15: REGULATORY INFORMATION (continued)

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5000	50000

Restrictions to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII UK REACH, etc):

Product classified hazardous under the CMR. Sale and distribution to the general public is prohibited. Due to its CMR category, it is essential to apply the specific measures for workplace hazard prevention covered in articles 4 and 5 of the 2004/37/EC Directive and later modifications.

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020.

Control of Substances Hazardous to Health Regulations 2002 (as amended)
EH40/2005 Workplace exposure limits.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

Texts of the legislative phrases mentioned in section 2:

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H335: May cause respiratory irritation.
- H318: Causes serious eye damage.
- H412: Harmful to aquatic life with long lasting effects.
- H350: May cause cancer.
- H311: Toxic in contact with skin.
- H332: Harmful if inhaled.
- H225: Highly flammable liquid and vapour.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

GB CLP Regulation:



SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 3: H311 - Toxic in contact with skin.
Acute Tox. 3: H331 - Toxic if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin.
Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Carc. 1B: H350 - May cause cancer.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Met. Corr. 1: H290 - May be corrosive to metals.
Org. Perox. E: H242 - Heating may cause a fire.
Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation).
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Skin Irrit. 2: Calculation method
Skin Sens. 1A: Calculation method
STOT SE 3: Calculation method
Eye Dam. 1: Calculation method
Aquatic Chronic 3: Calculation method
Carc. 1B: Calculation method
Acute Tox. 3: Calculation method
Acute Tox. 4: Calculation method
Flam. Liq. 2: Calculation method (2.6.4.3)

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -