

WIRELOCK/PARALOCK/MAKLOCK ROPE CAPPING KIT (Resin System)
SECTION 1 : IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY/UNDERTAKING

- 1.1 **Product Identifier** : **WIRELOCK/PARALOCK/MAKLOCK ROPE CAPPING KIT (RESIN SYSTEM)**
- 1.2 **Product use** : The attachment of Sockets to Wire Rope.
The kit consists of:
1. Polyester resin dissolved in styrene and other inhibitors. (RESIN)
2. Pure silica granules, Dibenzoyl Peroxide and inert fillers (POWDER)
- 1.3 **Chemical Family** : Mixture
- 1.4 **Manufacturers name and address** : Millfield Enterprises (Manufacturing) Limited,
16 Shelley Road,
Newburn Industrial Estate,
Newburn,
Newcastle upon Tyne,
NE15 9RT
England
- 1.5 **Emergency Telephone** : +44 (0) 191 2648541

SECTION 2 HAZARDS IDENTIFICATION
2.1 Classification of Substance or Mixture

Product Definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Flam. Liq.	3	H226
Acute Tox.	4	H332
Skin Irrit.	2	H315
Eye Irrit.	2	H319
STOT SE	3	H335
STOT RE	1	H372i

See section 16 for the full text of the H statements declared above

Classification according to Directive 1999/45/EC (DPD)

The product is classified as dangerous according to directive 1999/45/EC and its amendments

Classification : R10
Xn R20,R48/20
Xi R36/37/38

Physical/chemical hazards : Flammable

Human Health Hazards : Harmful by inhalation. Irritating to eyes, respiratory system and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Environmental Hazards : Based on available data of this product, no hazardous properties are known.

See section 16 for the full text of the R-phrases declared above

2.2 Label Elements

Hazard Pictograms :



Signal Word :

Hazard Statements :

H226 Flammable liquid and vapour

H332 Harmful if inhaled

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H372i Causes damage to organs through prolonged or repeated exposure if inhaled

H400: Very toxic to aquatic life

Precautionary statements

Prevention

- : S15 Keep away from heat, sparks, open flames & hot surfaces
- : S16 Keep away from sources of ignition - No smoking
- : S17 Keep away from combustible material
- : S37/39 Wear suitable gloves and eye/face protection
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P273: Avoid release to the environment
- P272: Contaminated work clothing should not be allowed out of the workplace

Response

- : P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- : P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- : P333+313: If skin irritation or a rash occurs: Get medical advice/attention
- : P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- : P337+313: If eye irritation persists get medical advice/attention
- : P264: Wash hands and contaminated skin thoroughly after handling
- : P272: Contaminated work clothing should not be allowed out of the workplace
- : P280: Wear protective gloves, protective clothing, eye protection, face protection
- : P302+352: IF ON SKIN: Wash with soap and water
- : P308+313: IF exposed or concerned: Get medical advice/attention
- : P391: Collect spillage

Storage

- : S3/9/49 Keep only in the original container in a cool, well-ventilated place

Disposal

- : P501: Dispose of contents & container according to local regulations

Hazardous Ingredients

- : Styrene

2.3

Other Hazards

Other Hazards which do not result in classification

- : Pure silica sand within the powder mixture is not regarded as a health or environmental hazard under current legislation

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Definition

- : Mixture

Product/ Ingredient Name	Identifiers	% Content	Classification	Regulation(EC) No. 1272/2008 (CLP)
Styrene	REACH #: 01-2119457861-32 EC: 202-851-5 CAS: 100-42-5 Index: 601-026-00-0	35-50	R10 Xn; R20.R48/20, R65 Xi; R36/37/38	67/548/EEC Flam Liq. 3. H226 Acute Tox. 4 H332 Skin Irrit. 2. H315 Eye Irrit. 2. H319 STOT SE 3. H335 STOT RE 1 H372i Asp. Tox. 1. H304
1.4 naphthquinone	EC: 204-617-8 CAS: 123-31-9 Index: 604-005-00-4	<0.1	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn: R22 Xi R41 R43 N; R50	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Sens. 1; H317 Muta. 2; H341 Carc. 2; H351 Aquatic Acute 1; H400
Dibenzoylperoxide, 20% Powder with inert fillers (Stated below)	EC: 202-327 -6 CAS: 000094-36-0	<1%	EN Xi R03,R36,R43, R50/53	Expl. Fire. 2; H241 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic acute. 1; H400
Calcium Sulphate 75%	EC: 231-900-3 CAS: 007778-18-9		None	
Magnesium Carbonate Hydroxide 5%	EC: 235-192-7, 231-851-8 CAS: 012125-28-9, 007760-50-1		None	
			See section 16 for the full text of the R- See section for the full text of the H statements	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational Exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES

- 4.1** Description of First aid Measures
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie, belt or waistband.
- Skin Contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before re-use. Clean shoes thoroughly before re-use.
- Ingestion** : Wash out mouth with water. Remove dentures if fitted. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Stop if the exposed person feels sick, as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get Medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Loosen tight clothing such as collar, tie, belt or waistband.
- Protection of First Aiders** : No action will be taken involving any personal risk or without suitable training.
- 4.2** Most important symptoms and effects, both acute and delayed
- Potential acute health effects**
- Eye contact** : Causes serious eye irritation
- Inhalation** : Harmful if inhaled
- Skin Contact** : Causes skin irritation
- Ingestion** : Irritating to mouth, throat and stomach
- Over-exposure signs / symptoms**
- Eye contact** : Adverse symptoms may include the following:
Pain or irritation
Watering
Redness
- Inhalation** : Adverse symptoms may include the following:
Respiratory tract irritation
Coughing
- Skin Contact** : Adverse symptoms may include the following:
Irritation
Redness
- Ingestion** : No specific Data
- 4.3** Indication of any immediate medical attention and special treatment needed
- Notes to Physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific Treatments** : No specific Treatment

SECTION 5: FIREFIGHTING MEASURES

- 5.1** Extinguishing Media
- Small fire**
- Suitable : Use dry chemical powder, CO2 or alcohol resistant foam. Cover with vermiculite or other non combustible material.
- Not Suitable : Do not use water jet
- Large Fire**
- Suitable : Alcohol resistant foam
- Not Suitable : Do not use water jet
- 5.2** Special hazards arising from the mixture
- Hazards from the mixture** : Flammable liquid and /or vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
- Hazardous combustion products** : In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, dense black smoke, aldehydes, organic acids.
- 5.3** Advice for firefighters
- Special precautions for fire fighters** : Fire water contaminated with this material must be prevented from entering waterways, sewers or drains.
- Special protective equipment for firefighters** : Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire fighters (including helmets, protective boots and gloves) conforming to European standard EN469 will provide a basic level of protection for chemical incidents.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

- 6.1** Personal precautions, protective equipment and emergency procedures (LARGE SPILLS ONLY)
- 6.2** **Environmental precautions** : Avoid dispersal of spilt material, run-off and contact with soil, waterways, drains and sewers.
- 6.3** Methods and materials for containment and cleaning up
- Small spill** : Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry material and place in an appropriate waste disposal container.
Dispose of using a licensed waste disposal contractor.
- 6.4** **References to other sections** : See section 1 for contact information
See section 8 for information on appropriate PPE
See section 13 for additional waste treatment information.

SECTION 7: HANDLING & STORAGE

- 7.1** **Precautions for safe handling**
- Protective measures** : Wear appropriate PPE, (See Section 8). Do not breathe vapour. Do not ingest. Avoid contact with eyes, skin & clothing. Use only with adequate ventilation. Always keep in the original container. Store and use away from heat and ignition sources. Do not reuse the containers.
- Advice on General Hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands before eating drinking and smoking. Remove contaminated clothing and PPE before entering eating areas. See Section 8 for additional information on Hygiene measures.
- 7.2** **Conditions for safe storage including incompatibilities** : Do not store above 20 degrees C, 68 degrees F. Store in accordance with local regulations. Store in a segregated and approved area. Store the original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials, food & Drink. Eliminate all ignition sources. Separate from oxidizing materials. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

The information in this section contains generic advice and guidance. The list of identified uses in Section 1 should be consulted for any available use specific information provided in the Exposure Scenario.

8.1 Control Parameters

Occupational exposure limits

Styrene	EH40/2005 WELs (United Kingdom) 8/2007) STEL : 250 ppm @ 15 minutes TWA : 100 ppm @ 8 hours TWA : 430 mg/m ³ @ 8 hours STEL : 1080 mg/m ³ @ 15 minutes
1.4 naphthquinone	EH40/2005 WELs (United Kingdom) 8/2007) TWA : 0.5 mg/m ³ @ 8 hours
Dibenzoylperoxide,	EH40/2005 WELs (United Kingdom) 8/2007) TWA : 5 mg/m ³ @ 8 hours

Recommended Monitoring procedures : This product contains ingredients with exposure limits, therefore, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for the methods for the the determining of hazardous substances.

Derived effect levels

Product /ingredient name	Type	Exposure	Value	Population
Styrene	DNEL	Short term inhalation	289 mg/m ³	Workers
	DNEL	Short term inhalation	306 mg/m ³	Workers
	DNEL	Long term inhalation	85 mg/m ³	Workers

Predicted effect concentrations

Product /ingredient name	Type	Compartment Detail	Value	Method Detail
Styrene	PNEC	Fresh water	0.028 mg/l	Assessment factors
	PNEC	Marine	0.0028 mg/l	Assessment factors
	PNEC	Fresh water sediment	0.614 mg/kg dwt	-
	PNEC	Marine water sediment	0.0614 mg/kg dwt	-
	PNEC	Sewage treatment plant	5 mg/l	Assessment factors
	PNEC	Soil	0.2 mg/kg dwt	-

8.2 Exposure Controls
Appropriate Engineering Controls : Use only with adequate ventilation.

Individual Protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating smoking and using the lavatory and at the end of each working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reuse. Ensure that eyewash stations are close to the work location.

Eye/face protection : Safety glasses with side protection.

Hand protection : 8 hours breakthrough time : Fluor rubber (Viton) (0.70mm)
>1 hour breakthrough time : Chloroprene, Nitrile rubber (0.2mm)

Skin & Body : Wear suitable protective clothing

Respiratory protection : Wear filter mask, filter type A.

Advice on personal protection is applicable for high exposure levels. Select proper PPE based on a risk assessment of the actual exposure level.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical & chemical properties (Resin)

Physical State : Liquid

Colour : Pale Yellow

Odour : Characteristic

Odour threshold : Not available

pH : Not available

Melting point : Not available

Initial boiling point and boiling range : 145 degrees C

Softening range : Not available

Flash point : 31 degrees C

Evaporation rate : Not available

Flammability, : Not available

Burning time : Not available

Burning Rate : Not available

Upper/lower flammability or explosive limits : Not available

Vapour pressure : Not available

Vapour density : Not available

Relative density : 1.09 (water = 1)

Density (g/cm3) : 1.09 g/cm3 (25 degrees C)

Bulk density : Not available

Solubility : Insoluble in cold water

Solubility in water : Not available

Solubility at room temperature : Not available

Partition co-efficient: n-octanol/water : Not available

Auto ignition temperature : Not available

Decomposition temperature : Not available

Viscosity : Dynamic : 335 to 455 mPa's (335 to 455 cP)

Explosive properties : Not available

Oxidising Properties : Not available

9.2 Information on basic physical & chemical properties (Dibenzoyl peroxide)

Appearance : Free flowing powder

Colour : White

Odour : Faint

Boiling Point range : Not applicable (Decomposes)

Melting point range	: Not Determined
Flash point	: Not applicable
Flammability	: Decomposition products may be flammable
Explosive properties	: None
Oxidising Properties	: Not Applicable
Vapour pressure	: Not Applicable
Density (g/cm ³)	: 2290 kg/m ³ (20 degrees C / 68 degrees F) Specific gravity = 2.29 (20 degrees C / 68 degrees F)
Bulk density	: 588 kg/m ³ (20 degrees C / 68 degrees F)
Solubility in water	: Insoluble
Solubility in other solvents	: Not Determined
pH	: Neutral
Partition co-efficient: n-octanol/water	: Not Determined
Vapour density	: Not Applicable
Viscosity	: Not Applicable
Active oxygen content	: 1.32%
Peroxide content	: 20%
Auto ignition temperature	: Test Method not applicable (see section 10)
SADT	: 70 degrees C (See section 10)
Explosion limits	: Not Determined
Volatile %	: Not Determined

SECTION 10 : STABILITY & REACTIVITY

10.1	Reactivity (RESINS)	: No specific test data related to reactivity for this product or ingredients
10.2	Reactivity (POWDER)	: No specific test data related to reactivity for this product or ingredients
10.3	Chemical stability (RESIN)	: The product is stable
10.4	Chemical stability (POWDER)	: SADT- (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging used in transport. A dangerous self-accelerating decomposition reaction, which could result in explosion or fire above 70 degrees C. Contact with oxidising agents can cause decomposition below 70 degrees C. Containers must be sealed at all times when not in use.
10.5	Possibility of hazardous reactions (RESIN)	: Under normal storage conditions, hazardous reactions will not occur
10.6	Possibility of hazardous reactions (POWDER)	: Under normal storage conditions, hazardous reactions will not occur
10.7	Conditions to Avoid (RESIN)	: Avoid all sources of ignition. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat sources.
10.8	Conditions to Avoid (POWDER)	: Avoid shock and friction. A high degree of confinement should be avoided.
10.9	Incompatible materials (POWDER)	: Avoid contact with rust, iron and copper. Contact with incompatible materials such as acids, alkalis, heavy metals & reducing agents will result in hazardous decomposition. Do not mix with accelerators.
10.1	Hazardous decomposition products (RESIN)	: No specific data.
10.11	Hazardous decomposition products (POWDER)	: Benzoic acids, benzene
10.12	Polymerisation (POWDER)	: Does not occur

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information of Toxicological Effects

Product/Ingredient Name	Result	Species	Dose	Exposure
Styrene	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
	LC50 Inhalation	Rat	12 g/m ³	4 hours
	Vapour			
1,4 naphthoquinone	LC50 Inhalation dusts and mists	Rat	46 mg/m ³	4 hours
	LD50 Dermal	Rat	202 mg/kg	-
	LD50 Oral	Rat	190 mg/kg	-
Dibenzoylperoxide 78%	LD50 Oral	Rat	5000 mg/kg	-
	LC50 Inhalation	Rat	24.3 mg/l	4 hours

Note: No toxicological information on the Dibenzoyl peroxide was available at 20%. The above test was carried out at 78%

Acute Toxicity estimates (RESIN)

Route	ATE Value
Inhalation (Gases)	15397.5 ppm
Inhalation (Vapours)	37.64 mg/l
Inhalation (Dusts and mists)	5.133 mg/l

Function	<u>Irritation / corrosion</u>	Powder
Skin	Resin	None at 4 hours exposure time
Eyes	Not Available	Moderate
Respiratory	Not Available	None
Sensitization	Not Available	Possible by skin contact
Genotoxicity	Not Available	Ames test --- None
Carcinogenicity	Not Available	Not available
Teratogenicity	Not Available	Not available

Specific Target organ Toxicity (Single exposure)

Product / Ingredient name	Category	Route of Exposure	Target Organs
Styrene	Category 3	Not Determined	Respiratory tract irritation
1.4 naphthoquinone	Category 3	Not Determined	Respiratory tract irritation

Specific Target organ Toxicity (Repeated exposure)

Product/ingredient name	Category	Route of Exposure	Target Organs
Styrene	Category 1	Inhalation	Ears

Potential acute health effects

Inhalation	: Harmful if inhaled. May cause respiratory irritation
Ingestion	: Irritating to mouth, throat & stomach
Skin contact	: Causes skin irritation
Eye Contact	: Causes serious eye irritation

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	: Adverse symptoms may include the following: Respiratory Tract irritation coughing
Ingestion	: No specific data
Skin contact	: Adverse symptoms may include the following: Irritation Redness
Eye Contact	: Adverse symptoms may include the following: Pain or irritation Watering Redness
General	: Causes damage to organs through prolonged or repeated exposure if inhaled.
Carcinogenicity	: No known effects or critical hazards
Mutagenicity	: No known effects or critical hazards
Teratogenicity	: No known effects or critical hazards
Developmental effects	: No known effects or critical hazards
Fertility effects	: No known effects or critical hazards

Classification

Product / Ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Styrene	A4	2B	-	-	-	-
1.4 naphthoquinone	A3	3	-	-	-	-

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity					
Product/ingredient name	Result	Species	Exposure	Effects		
Styrene	Acute EC50 4.9 mg/l	Algae	72 hours	-		
	Acute LC50 4.02 mg/l	Fish - Fathead minnow	96 hours	-		
	Chronic NOEC 1.01 mg/l	Daphnia - Daphnia magna	21 days	-		
1.4 naphthoquinone	EC50 0.011mg/l	Algae	72 hours	-		
Dibenzoylperoxide 78%	Acute EC50 2.91 mg/L Fresh water	Daphnia	48 hours	-		
	Acute LC50 2.0 mg/l	Poecilia reticulata	96 hours	-		
	Acute EC50 - activated sludge respiration inhibition test 35 mg/l	Bacteria	-	-		

12.2 Persistence and degradability

Product / Ingredient name	Aquatic half life	Photolysis	Biodegradability
Styrene	-	-	Readily
Dibenzoylperoxide 78%	-	-	Readily

12.3 Bioaccumulative potential

Product / Ingredient name	Log P	BCF	Potential
Styrene	2.95		Low
1,4 naphthoquinone	1.71	-	Low
Dibenzoylperoxide 78%	-	-	-

12.4 Mobility in soil

Soil/water partition coefficient (Koc)	: Not available
Mobility	: Not available

12.5 Results of PBT and vPvB assessment

PBT : Not applicable

vPvB : Not applicable

12.6 Other adverse effects No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of identified uses in section 1 should be consulted for any available use-specific information provided in Exposure scenarios.

13.1 Waste Treatment Methods

Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Empty containers may retain some of the product residue. The container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of the product, solutions and by-products should at all times comply with the requirements of the environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and



Hazardous waste : The classification of the product may meet criteria for hazardous waste.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its containers must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned and rinsed out. Empty containers may contain product residue. Vapour from the residue may create a highly flammable or explosive atmosphere within the container. Do not cut, weld or grind the container unless they have been cleaned thoroughly. Avoid dispersal of spilt material and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number	UN3269		UN1866	
14.2 UN Proper Shipping name	Polyester Kit		Bulk Resin	
14.3 Transport hazard Class				
14.4 Packing Group	III		III	
14.5 Environmental Hazards	No		No	
14.6 Special precautions for the end user	Not available		Not Available	
Additional Information	Flashpoint 31 degrees C		Flashpoint 31 degrees C	

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health & environmental regulations/legislation specific for the mixture.

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Substances of very high concern

None of the components are listed

Annex XVII - Restrictions on the manufacture, placing on the market and use of dangerous substances, mixtures and articles.

Not Applicable

15.2 Chemical safety Assessment : Not applicable

SECTION 16: OTHER INFORMATION

Procedure used to derive the classification according to regulation (EC) No 1272/2008 [CLP/GHS]

Classification	Justification
Flam Liq. 3, H226	On basis of test data
Acute Tox. 4, H332	Calculation methods
Skin Irrit. 2 H315	Calculation methods
Eye Irrit. 2, H319	Calculation methods
STOT SE 3, H335	Calculation methods
STOT RE, H372i	Calculation methods

Full text of abbreviated H Statements	H226 H302 H315 H317 H318 H319 H332 H335 H372i H400	Flammable liquid & vapour Harmful if swallowed Causes skin irritation May cause allergic skin reaction Causes serious eye damage Causes serious eye irritation Harmful if inhaled May cause respiratory irritation Causes damage to organs through prolonged or repeated exposure if inhaled. Very toxic to aquatic life
Full text of classifications [CLP/GHS]	Acute Tox 4, H302 Acute tox 4, H332 Aquatic Acute 1, H400 Eye Dam. 1, H318 Eye Irrit. 2, H319 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317	ACUTE TOXICITY: ORAL - Category 4 ACUTE TOXICITY : INHALATION - Category 4 AQUATIC TOXICITY (ACUTE) Category 1 SERIOUS EYE DAMAGE / EYE IRRITATION Category 1 SERIOUS EYE DAMAGE / EYE IRRITATION Category 2 FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITIZATION - Category 1
Abbreviations and Acronyms	ATE CLP DNEL EUH PNEC RRN	Acute Toxicity Estimate Classification, Labelling & Packaging Regulation [Regulation (EC) No. 1272/2008] Derived No Effect Level (Statement) CLP Specific Hazard Statement Predicted No Effect Concentration REACH Registration Number

Sources of Key data Information derived from investigations and literature from raw material suppliers

Training Advice Handling and preparation of the product to be carried out by competent personnel only.

Notice to Reader

The information contained in the Safety Data Sheet is based on data available at the time of publication. The information is intended to aid the user in controlling the handling risks and is not to be construed as a warranty or specification of the product quality. The information may not be or may not altogether be applicable to combinations of the kit with other substances or to particular applications.

The user is responsible for ensuring that appropriate precautions are taken and for satisfying themselves that the data is suitable and sufficient for the product's intended purpose. In case of any unclarity we advise consulting the supplier or an expert.