PART A – RESIN SYSTEM

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) as amended

Revision date: 29/07/2025 Version: 6.3

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

1.1. Product identifier

Product form	: Mixture
Trade name	: Wirelock: Part A – Resin System
Type of product	: Mixture, Resin Socketing System
Product group	: Chemicals

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

1.2.1. Relevant identified uses

Main use category	: Industrial / professional use only Must only be used together with Part B – Catalyst / Hardener (and Booster where required)
Use of the substance/mixture	: Use as a cold socketing compound (for the attachment of sockets to wire rope in bridges etc)

1.2.2. Uses advised against

All other uses not specified in section 1.2.1

1.3. Details of the supplier of the safety data sheet

Company	: Millfield Enterprises (Manufacturing) Limited
Address	: Shelley Road, Newburn Industrial Estate Newburn, Newcastle Upon Tyne, NE15 9RT United Kingdom
Telephone	: +44 (0) 191 264 8541
E-mail	: mail@millfield-group.co.uk

1.4. Emergency telephone number

Emergency number	: Tel: +1-813-248-0585 (24 hours) – VelocityEHS Add. Tel. +1-800-255-3924 (US, Canada, Puerto Rico & Virgin Islands) (24 hours) UK National Poisons Information Service 0870 600 6266 (24 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3	H226
Aspiration hazard, Category 1	H304
Carcinogenicity, Category 1B	H350
Reproductive toxicity, Category 2	H361d
Acute toxicity – Inhalation, Category 4	H332
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
Specific target organ toxicity — Repeated exposure, Category 1	H372
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412

For the full text of H statements, see section 16.

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS07 GHS08

Signal word (CLP)	: DANGER
Product identifier	: Part A: Resin System. Contains styrene and N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base).

Hazard statements (CLP)	: H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H350 - May cause cancer. H361d - Suspected of damaging the unborn child. H332 - Harmful if inhaled. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation. H372 - Causes damage to organs (hearing organs) through prolonged or repeated exposure. H412 - Harmful to aquatic life with long lasting effects.
EUH-statements	: EUH208 - Contains 1,4-naphthoquinone. May produce an allergic reaction.
Precautionary statements (CLP)	: P201 - Obtain special instructions before use. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 - Wear protective gloves/protective clothing/eye protection/face protection P308+P313 - If exposed or concerned: Get medical advice/attention. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Do NOT induce vomiting. P273 - Avoid release to the environment

2.3. Other hazards not contributing to the classification

This mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT), very persistent and very bioaccumulative (vPvB) or identified as having endocrine disrupting properties at levels of 0.1% or higher.

A polymerisation reaction occurs when the resin system (Part A) is combined with the catalyst / hardener (Part B) which has the potential to generate significant heat. The product has a powerful bonding action on end use. Users should take appropriate precautions.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Styrene	(CAS-No.) 100-42-5 (EC-No.) 202-851-5 (REACH-no) Not available	35 - 50	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361d STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	(CAS-No.) 101-61-1 (EC-No.) 202-959-2 (REACH-no) Not available	0.1 – 1.0	Carc. 1B; H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,4-naphthoquinone	(CAS-No.) 130-15-4 (EC-No.) 204-977-6 (REACH-no) Not available	≤ 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 1 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

For the full text of H-statements, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTRE/doctor if you feel unwell.

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

Symptoms/effects : Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Symptoms/effects after inhalation : May cause respiratory irritation. Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction. Causes skin irritation.

Symptoms/effects after eye contact : Eye irritation. Causes serious eye irritation.

Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : Explosion risk in case of fire. May form flammable/explosive vapour-air mixture.

Reactivity in case of fire : On burning: (increased) risk of fire/explosion. On burning: release of harmful gases/vapours.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Avoid ignition sources. Do not inhale vapour.

Firefighting instructions : Do not breathe gas/fumes. Evacuate personnel to a safe area. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protective equipment for firefighters : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid breathing mist or vapour. Avoid contact with skin and eyes. Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe gas, mist, spray, vapours. Avoid contact with skin and eyes. Evacuate unnecessary personnel.

Measures in case of dust release : Not applicable (Liquid).

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : For larger spills, dike area and pump into waste containers. For small spills, absorb or cover with dry earth, sand, or other inert non-combustible absorbent material and place into waste containers for later disposal.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

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 and personal protection) and section 13 (Disposal considerations).

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not handle until all safety precautions have been read and understood. Do not breathe fume, mist, vapours. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures : Ground/bond container and receiving equipment. Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Avoid high temperatures. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Strong acid. Strong bases. Strong oxidizing agents. Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)
Refer to Wirelock technical data manual for instructions for use.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters

Styrene	**Limit value - Eight hours**		**Limit value - Short term**	
	ppm	**mg/m³**	**ppm**	**mg/m³**
Austria	20	85	80	340
Belgium	25	108	50	216
Denmark	25	105	25	105
Finland	20	86	100	430
France	23.3	100	46.6	200
Germany (AGS)	20	86	40	172
Germany (DFG)	20	86	40	172
Hungary	-	86	-	172
Ireland	20	85	40	170
Latvia	-	10	-	30
Norway	25	105	-	-
Poland	-	50	-	100
Romania	12	50	35	150
Spain	20	86	40	172
Sweden	10	43	20	86
Switzerland	20	85	40	170
United Kingdom	100	430	250	1080

N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	**Limit value - Eight hours**		**Limit value - Short term**	
	ppm	**mg/m³**	**ppm**	**mg/m³**
Austria	-	0.1 inhalable aerosol	-	0.4 inhalable aerosol
Switzerland	-	0.1 inhalable aerosol	-	-

1,4-naphthoquinone	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Latvia	-	0.1	-	-

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the workplace. A washing facility/water for eye and skin cleaning purposes should be present. A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal protective equipment:

Gloves. Protective clothing. Protective goggles. Avoid all unnecessary exposure.

Materials for protective clothing:
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust)
Hand protection:
Chemical resistant protective gloves (EN 374) suitable for prolonged, direct contact. Recommended: > 480 minutes of permeation time, fluoroelastomer (FKM), 0.7 mm coating thickness
Eye protection:
Avoid contact with eyes. When engaged in activities where ingredients could contact the eye, wear safety glasses with side shields or goggles. Use equipment for eye protection tested and approved under appropriate standards such as EN 166.
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of inadequate ventilation wear respiratory protection. A combination filter for gases/vapours of organic compounds and solid and liquid particles (EN 14387 Type A-P2) is recommended.

Personal protective equipment symbol(s):

Thermal hazard protection:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Environmental exposure controls:

Avoid release to the environment.

Consumer exposure controls:

For industrial/professional use only. Not intended for use by the general public.

Other information:

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	: Pale yellow. Liquid.
Colour	: Pale yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: Not available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 145 °C
Flash point	: 31 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable liquid and vapour.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available

Relative density	: 1.09 (water = 1)
Density	: 1.09 g/cm3 (@ 25 °C)
Solubility	: insoluble in water. Water: insoluble in cold water
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Explosive vapour/air mixtures may be formed.
Oxidising properties	: Oxidising substances and organic peroxides.
Lower explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
Flammable liquid and vapour.

10.2. Chemical stability
Stable under normal conditions. Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions
Radical formation can cause exothermic polymerization. Polymerizes explosively when heated or in contact with bases, acids and metal ions. Risk of spontaneous and violent self-polymerization if inhibitor is lost or product is exposed to excessive heat. Risk of exothermic reaction. Risk of spontaneous polymerization when heated or in the presence of UV radiation. Risk of spontaneous polymerization in the presence of starters for radical chain reactions (e.g. peroxides). Polymerization occurs with acids and acid forming substances.

10.4. Conditions to avoid
Avoid prolonged exposure to extreme heat. Avoid contact with hot surfaces. Avoid flames and sparks. Eliminate or control all sources of ignition. Avoid direct sunlight and extremely high or low temperatures.

10.5. Incompatible materials
Strong acids, strong bases, peroxides, oxidizing agents, vinyl polymer catalysts, caustics, copper alloys, metallic halides (salts).

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced. fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity (oral)	: Based on available data, the classification criteria are not met.
Acute toxicity (dermal)	: Based on available data, the classification criteria are not met.
Acute toxicity (inhalation)	: Inhalation:dust,mist: Harmful if inhaled.

ATE CLP (oral)	2000 mg/kg bodyweight
ATE CLP (dust,mist)	3 mg/l/4h

Styrene (100-42-5)	
LD50 oral rat	5000 mg/kg
LC50 inhalation rat (mg/l)	11.8 mg/l/4h

1,4-Naphthalenedione (130-15-4)	
LD50 oral rat	190 mg/kg

Skin corrosion/irritation	: Causes skin irritation. pH: Not available
Serious eye damage/irritation	: Causes serious eye irritation. pH: Not available
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: May cause cancer.

Reproductive toxicity	: Suspected of damaging the unborn child.
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Causes damage to organs (hearing organs) through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.

11.2. Information on other hazards
The mixture does not contain components considered to have endocrine disrupting properties.

SECTION 12: Ecological information
12.1. Toxicity
Ecology - general	: Harmful to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects.

Styrene (100-42-5)	
LC50 fish 1	10.1 mg/l (Exposure time: 96 h)
NOEC (chronic)	10.1 mg/l (Exposure time: 21d - Species: Daphnia magna)

12.2. Persistence and degradability
Resin System	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential
Resin System	
Bioaccumulative potential	Not established.

1,4-Naphthalenedione (130-15-4)	
Log Pow	1.71 - 1.78

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Endocrine disrupting properties
The mixture does not contain components considered to have endocrine disrupting properties.

12.7. Other adverse effects
Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Product/Packaging disposal recommendations	: Dispose of contents/container as hazardous waste in accordance with local/national regulations. Do not empty into drains.
Additional information	: Flammable vapours may accumulate in the container. Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information
Note: Wirelock is sold as a two-pack polyester resin kit, comprising of two components: a liquid polyester resin (Part A) and a solid catalyst hardener (Part B). The requirements of REACH (Regulation (EC) No 1907/2006) and CLP (Regulation (EC) No 1272/2008) mean that the two parts must be treated separately for the purposes of hazard classification, labelling and the provision of SDS. This means that the information in this section must consider each part separately. However, for transport purposes, the kit can be regarded as a single product because both parts are packaged and shipped together. As a result, the UN number and name indicated below may be assigned and provides the correct information about the product being shipped, i.e. a polyester resin kit, and covers the hazards associated with the product for the purposes of transport of dangerous goods legislation.

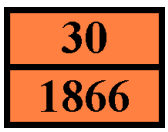
UN Number:	UN3269
Proper shipping name:	Polyester Resin Kit
Hazard class:	Class 3 (Flammable Liquid)
Packing Group:	III

In accordance with the requirements of REACH (Regulation (EC) No 1907/2006):

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1866	1866	1866	1866	1866
14.2. UN proper shipping name				
RESIN SOLUTION	RESIN SOLUTION	RESIN SOLUTION	RESIN SOLUTION	RESIN SOLUTION
Transport document description				
UN 1866 RESIN SOLUTION, 3, III, (D/E)	UN 1866 RESIN SOLUTION, 3, III	UN 1866 RESIN SOLUTION, 3, III	UN 1866 RESIN SOLUTION, 3, III	UN 1866 RESIN SOLUTION, 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 640E
Limited quantities (ADR)	: 5l
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T2
Portable tank and bulk container special provisions (ADR)	: TP1
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	: 
Tunnel restriction code (ADR)	: D/E
EAC code	: •3YE

Transport by sea

Special provisions (IMDG)	: 223, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01

Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Miscibility with water depends upon the composition.

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L

Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 640E
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 640E
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T2
Portable tank and bulk container special provisions (RID)	: TP1
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code	: Not applicable. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.
IBC product name	: Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions.
Contains no substance on the REACH candidate list.
Contains no REACH Annex XIV substances.
The following Directives may apply:

- Directive 2012/18/EU (SEVESO III)
- Directive 98/24/EC (Chemical Agents Directive)
- Directive 2004/37/EC (Carcinogens and Mutagens Directive)
- Directive 2014/34/EU (ATEX 114)
- Directive 99/92/EC (ATEX Workplace Directive)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

SECTION 16: Other information

Sources of Key data	: Regulation (EC) No 1907/2006 (REACH) Regulation (EC) No 1272/2008 (CLP) GESTIS Substance Database Registration, classification and labelling information publicly available on the ECHA website
Training advice	: Chemical hazard and risk management awareness training, including labelling, SDS, risk management measures and workplace hygiene. Should include use of PPE, covering appropriate selection, compatibility, breakthrough times, care, maintenance, fit and safe removal. First aid & emergency response awareness training for chemical exposure, including the use of emergency equipment such as firefighting equipment, eye washes, safety showers etc as appropriate. Fire prevention and protection training, including identifying hazards and risks, control of sources of ignition incl. static electricity, explosive atmospheres.
Classification method(s)	: Procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP): Calculation method
Creation date	: 11/07/2018
Revision date	: 29/07/2025, version 6.3 (replaces version 6.2, dated 04/12/2023)
Revision summary	: Change to emergency contact information in section 1.4.

Full text of H- and EUH-statements:	
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H350	May cause cancer.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 1,4-naphthoquinone. May produce an allergic reaction.

Abbreviations and acronyms used:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
bw	Body weight
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EN	European Norm, i.e. European Standard (published by the European Committee for Standardisation, CEN)
GHS	UN Globally Harmonized System of Classification and Labelling of Chemicals

IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ISO	International Standard (published by the International Organisation for Standardisation, ISO)
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC50	Lethal Concentration to 50 % of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose);
MARPOL	International Convention for the Prevention of Pollution from Ships
mg/m^3	Milligrams per cubic metre
n.o.s.	Not Otherwise Specified
NOEC	No observed effect concentration
PBT	Persistent, Bioaccumulative and Toxic substance
ppm	Parts per million
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SADT	Self-Accelerating Decomposition Temperature
SDS	Safety Data Sheet
STOT	Specific target organ toxicity
UN	United Nations
vPvB	Very Persistent and Very Bioaccumulative

SDS EU (REACH Annex II)

The above information is believed to be correct but does not purport to be exhaustive and shall be used only as a guide. 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.