Safety Data Sheet

according to UK REACH Regulation

GYEON Q2M PPF Renew

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

1.1. Product identifier

GYEON Q2M PPF Renew

UFI: 5VM4-H7NW-100D-2S0W

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

Use of the substance/mixture

Vehicle polishing product - designed to remove scratches, oxidation and defects from paint protection film and vinyl wraps.
Enthusiasts and professional use (End consumer)

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name:	Gyeon Technology
Street:	1405-538, 212, Gasan digital 1-ro
Place:	Geumcheon-gu, Seoul, Korea
Telephone:	+82-10-4339-3599
Contact person:	Robert Gyeon
E-mail:	sales@gyeon.co

Supplier

Company name:	Gyeon UK Ltd
Street:	Commercial Quay, 84 Commercial Stree
Place:	GB-EH6 6LX Edinburgh
E-mail:	hello@gyeonquartz.uk
Contact person:	Richard Cooper Telephone: +44 (0)7984 056790

1.4. Emergency telephone number:

National Poisons Information Service - 03448920111. 'For healthcare professionals only'.

Further Information

Safety Data Sheet according to UK-REACH Regulation

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard statements

H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P103	Read carefully and follow all instructions.
P273	Avoid release to the environment.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

The substances in the mixture (> 0.1%) do not meet the PBT/vPvB criteria according to UK REACH.
This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to humans as no components meets the criteria. This product does not contain a substance (> 0,1 %) that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha			10 - 20 %
	265-150-3	649-327-00-6		
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H304 H411			
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified			5 - < 7 %
	265-149-8	649-422-00-2		
	Asp. Tox. 1; H304			
8042-47-5	White mineral oil (petroleum)			3 - < 5 %
	232-455-8			
	Asp. Tox. 1; H304			
8012-95-1	Paraffin oils			1 - < 3 %
	232-455-8			
	Asp. Tox. 1; H304			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	10 - 20 %
	inhalation: LC50 = (5,61) mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg		
64742-47-8	265-149-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified	5 - < 7 %
	inhalation: LC50 = (> 5,3) mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg		
8042-47-5	232-455-8	White mineral oil (petroleum)	3 - < 5 %
	inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg		
8012-95-1	232-455-8	Paraffin oils	1 - < 3 %
	dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg		

Further Information

- Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha (P)
Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0.1 % w/w benzene (Einecs No 200-753-7).

Product does not contain listed SVHC substances > 0.1 % according to UK REACH.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

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

See sections 2 and 11

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

Sand. Foam. Carbon dioxide (CO2). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Safe handling: see section 7

Special danger of slipping by leaking/spilling product.

For non-emergency personnel

Wear personal protection equipment (refer to section 8).

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. (See section 8.)
Avoid formation of oil dust.

Advice on protection against fire and explosion

Usual measures for fire prevention. Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Thorough skin-cleansing after handling the product.
Do not put any product-impregnated cleaning rags into your trouser pockets.
Contaminated work clothing should not be allowed out of the workplace.
Wash contaminated clothing before reuse.

Further information on handling

Do not breathe vapour/aerosol.
Avoid contact with eyes and skin.
General protection and hygiene measures: See section 8.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
Provide solvent-resistant and impermeable floor.

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff

Further information on storage conditions

Keep container tightly closed.
Recommended storage temperature: 25 °C
Protect against: frost. UV-radiation/sunlight. heat.

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL

PNEC values

CAS No	Substance	
Environmental compartment		Value
1344-28-1	aluminium oxide	
Micro-organisms in sewage treatment plants (STP)		20 mg/l

Additional advice on limit values

Air limit values:
Possibility of exposure to Aerosol (Mineral oil)
Limit value (TLV-TWA) = 5 mg/ m3 - Source: ACGIH
Limit value (TLV-STEL) = 10 mg/ m3 - Source: ACGIH

STEL: short-term exposure limits
TLV: Threshold Limiting Value
TWA: time weighted average
ACGIH:American Conference of Governmental Industrial Hygienists

8.2. Exposure controls



Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.
Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). EN ISO 16321-1:2022

Hand protection

In case of prolonged or frequently repeated skin contact:
Wear suitable gloves.
Suitable material:
FKM (fluororubber). - Thickness of glove material: 0,4 mm
Breakthrough time >= 8 h
NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm
Breakthrough time >= 8 h
Other:
PVA (Polyvinyl alcohol). - not determined
Breakthrough time >= not determined
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Gloves made of PVA are not water-resistant, and are not suitable for emergency use.
The selected protective gloves have to satisfy the specifications of the Personal Protective Equipment at Work (Amendment) Regulations 2022 and the standard EN ISO 374.
Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Oil-resistant and hardly inflammable protective clothing.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.
Respiratory protection necessary at:
-aerosol or mist formation
-Exceeding exposure limit values

Suitable respiratory protection apparatus: Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.
Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo.
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	white
Odour:	coconut
Odour threshold:	not determined

		Test method
Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	100 °C	
Flammability:	not determined	
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Flash point:	95 °C	ISO 2592
Auto-ignition temperature:	not determined	
Decomposition temperature:	not relevant	
pH-Value:	8,5	
Viscosity / kinematic: (at 40 °C)	14646,5 mm²/s	
Water solubility:	miscible.	
Solubility in other solvents		
not determined		
Dissolution rate:	not relevant	
Partition coefficient n-octanol/water:	not relevant	
Dispersion stability:	not relevant	
Vapour pressure:	not determined	
Density (at 15 °C):	0,9-1,0 g/cm³	
Bulk density:	not relevant	
Relative vapour density:	not determined	
Particle characteristics:	not relevant	

9.2. Other information

Information with regard to physical hazard classes

Explosive properties	
none	
Sustaining combustion:	Not sustaining combustion
Self-ignition temperature	
Solid:	not relevant
Gas:	not relevant
Oxidizing properties	
none	

Other safety characteristics

Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	not determined
Solid content:	not determined
Sublimation point:	not relevant
Softening point:	not relevant
Pour point:	not determined
Viscosity / dynamic:	not determined
Flow time:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.
Refer to section 10.5.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha				
	oral	LD50 >5000 mg/kg	Rat	ECHA Dossier	
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA Dossier	
	inhalation (4 h) dust/mist	LC50 (5,61) mg/l	Rat	ECHA Dossier	
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified				
	oral	LD50 > 5000 mg/kg	Rat	REACH dossier	
	dermal	LD50 > 2000 mg/kg	Rabbit.	REACH dossier	

	inhalation (4 h) vapour	LC50 mg/l	(> 5,3)	Rat	REACH dossier	
8042-47-5	White mineral oil (petroleum)					
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier	
	inhalation (4 h) dust/mist	LC50	>5 mg/l	Rat	ECHA Dossier	
8012-95-1	Paraffin oils					
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	>2000	Rabbit.	ECHA Dossier	

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.
May cause sensitisation especially in sensitive humans.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha
In-vitro mutagenicity: Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) ; Result: negative. Literature information: REACH dossier; Carcinogenicity: Method: (dermal.) OECD Guideline 451 (Carcinogenicity Studies); Species: Mouse.; Length of test: 2 years; Result: negative. Literature information: REACH dossier; Reproductive toxicity: Method: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study); Species: Rat; Result: NOAEL >= 20000 mg/kg; Literature information: REACH dossier
Developmental toxicity/teratogenicity: Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study); Species: Rat Result: NOAEL = 239000 mg/kg; Literature information: REACH dossier

White mineral oil (petroleum):
In-vitro mutagenicity:
Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay); Result: negative. ; Literature information: ECHA dossier
Carcinogenicity:
Method: (oral.) OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
Species: Rat ; Length of test: 2 years ; Result: NOAEL = 1200 mg/kg ; Literature information: ECHA dossier
Reproductive toxicity:
Method: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test); Species: Rat ; Results: NOAEL >= 1000 mg/kg; Literature information: REACH dossier
Developmental toxicity/teratogenicity:
Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study); Species: Rat
Results: NOAEL >= 5000 mg/kg; Literature information: REACH dossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha
Subchronic inhalative toxicity:
Method: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies); Exposure time: 2 years;

Species: Rat; Results: NOAEC = 1402 mg/m3; Literature information: REACH dossier

White mineral oil (petroleum):
Subchronic oral toxicity:
Method: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Species: Rat
Results: NOAEL = 20000 ppm.
Literature information: REACH dossier
Subchronic dermal toxicity:
Method: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
Species: Rat.
Results: NOAEL >2000 mg/kg
Literature information: REACH dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Other information

No data available.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.
The product has not been tested.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha						
	Acute fish toxicity	LC50 8,2 mg/l	LL50:	96 h	Pimephales promelas	ECHA Dossier	
	Acute algae toxicity	ErC50 3,1 mg/l	EL50:	72 h	Pseudokirchnerella subcapitata	ECHA Dossier	
	Acute crustacea toxicity	EC50 4,5 mg/l	EL50:	48 h	Daphnia magna	ECHA Dossier	
	Crustacea toxicity	NOEC 2,6 mg/l	NOELR:	21 d	Daphnia magna	ECHA Dossier	
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified						
	Acute fish toxicity	LC50 mg/l	>1-10	96 h	Pimephales promelas	REACH dossier	
	Acute algae toxicity	ErC50	3,1 mg/l	72 h	Pseudokirchnerella subcapitata	REACH dossier	
	Acute crustacea toxicity	EC50	4,5 mg/l	48 h	Dapnia Magna	REACH dossier	
	Fish toxicity	NOEC	2,6 mg/l	21 d	Dapnia Magna	REACH dossier	
8042-47-5	White mineral oil (petroleum)						
	Acute fish toxicity	LC50 mg/l	>1000	96 h	Leuciscus idus	ECHA Dossier	
	Acute crustacea toxicity	EC50 100 mg/l	LL50 >	48 h	Daphnia magna	ECHA Dossier	

	Fish toxicity	NOEC NOEL>= 100 mg/l	28 d	QSAR	ECHA Dossier	
8012-95-1	Paraffin oils					
	Acute fish toxicity	LC50 LL50: >1028 mg/l	96 h	Scophthalmus maximus	MSDS external	
	Acute algae toxicity	ErC50 EL50: >3200 mg/l	72 h	Skeletonema costatum	MSDS external	
	Acute crustacea toxicity	EC50 EL50: >3193 mg/l	48 h	Acatia tonsa	MSDS external	
	Algae toxicity	NOEC NOELR: 993 mg/l	3 d	Skeletonema costatum	MSDS external	

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha			
	OECD Guideline 301 F	77%	28	ECHA Dossier
	Easily biodegradable (concerning to the criteria of the OECD)			
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified			
	OECD 301F / ISO 9408 / EEC 92/69 annex V, C.4-D	61 %	28	REACH dossier
	Easily biodegradable (concerning to the criteria of the OECD)			
8012-95-1	Paraffin oils			
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	82%	24	MSDS external
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
8042-47-5	White mineral oil (petroleum)	>4

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.
The aforementioned statement applies to substances contained in the product with a minimum content of 0.1 %.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.
The aforementioned statement applies to substances contained in the product with a minimum content of 0.1 %.

12.7. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.
Non-contaminated packages may be recycled.
According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.
Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

120107 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; mineral-based machining oils free of halogens (except emulsions and solutions); hazardous waste

List of Wastes Code - used product

120107 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; mineral-based machining oils free of halogens (except emulsions and solutions); hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Refer to section 6 - 8

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions:	not determined
Directive 2004/42/EC on VOC in paints and varnishes:	not determined
Information according to Directive 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet according to UK-REACH Regulation
The mixture is classified as hazardous according to GHS (GB CLP).
UK REACH Appendix XVII, No (mixture): 3

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water hazard class (D):	2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Rev. 1,0; 15.07.2016, Initial release
Rev. 1.1; 01.09.2016, Changes in section: 1, 16.
Rev. 2.0; 18.05.2020, Revision Changes in section: 2-16.
Rev. 2.1; 11.02.2021, Revision
Rev. 2.2; 20.05.2021, Revision Changes in section: 9.
Rev. 3.0; 05.01.2023, Revision Changes in section: 2-16.
Rev. 3.1; 24.09.2024, Revision Changes in section: 2-16.

Abbreviations and acronyms

Flam. Liq: Flammable liquids
Asp. Tox: Aspiration hazard
Aquatic Chronic: Chronic aquatic hazard
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging of substances and mixtures
DNEL: Derived No Effect Level
d: day(s)
EINECS: European INventory of Existing Commercial chemical Substances
ELINCS: European LIst of Notified Chemical Substances
ECHA: European Chemicals Agency
EWC: European Waste Catalogue
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
h: hour
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect concentration
NLP: No-Longer Polymers
N/A: not applicable
OECD: Organisation for Economic Co-operation and Development
PNEC: predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
REACH: Registration, Evaluation, Authorisation of Chemicals
SVHC: substance of very high concern
TRGS: Technische Regeln für Gefahrstoffe
UN: United Nations
VOC: Volatile Organic Compounds
WGK: Water Hazard Class (Germany)

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be

transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)