

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 1 of 14

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

### 1.1. Product identifier

GYEON Q<sup>2</sup>M TrimCleaner

#### Further trade names

GYEON Q<sup>2</sup>M VinylCleaner

UFI: M0M4-F7RW-Y00F-FC68

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

#### Use of the substance/mixture

Vehicle cleaning product - designed to clean plastic and trim.  
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

Skin Irrit. 2; H315  
Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### GB CLP Regulation

Signal word: Warning

Pictograms:



## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 2 of 14

#### Hazard statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

#### Special labelling of certain mixtures

EUH208 Contains (R)-p-mentha-1,8-diene; d-limonene (LIMONENE). May produce an allergic reaction.

#### 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)			
68585-34-2	Alcohols, C10-16, ethoxylated, sulfates, sodium salts			20 - 30 %
	500-223-8			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
64-17-5	ethanol; ethyl alcohol			10 - < 12 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
64-02-8	tetrasodium ethylene diamine tetraacetate			1 - < 3 %
	200-573-9	607-428-00-2		
	Acute Tox. 4, Eye Dam. 1; H302 H318			
120-51-4	benzyl benzoate			0.2 - < 0.3 %
	204-402-9	607-085-00-9		
	Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 2; H302 H400 H411			
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (LIMONENE)			0.1 - < 0.2 %
	227-813-5	601-096-00-2		
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 3; H226 H315 H317 H304 H400 H412			

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		
64-17-5	200-578-6	ethanol; ethyl alcohol	10 - < 12 %

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 3 of 14

		inhalation: LC50 = 124,7 mg/l (vapours); oral: LD50 = 10470 mg/kg Eye Irrit. 2; H319: >= 50 - 100	
64-02-8	200-573-9	tetrasodium ethylene diamine tetraacetate	1 - < 3 %
		oral: LD50 = 1780 mg/kg	
120-51-4	204-402-9	benzyl benzoate	0.2 - < 0.3 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = 3253 mg/kg	
5989-27-5	227-813-5	(R)-p-mentha-1,8-diene; d-limonene (LIMONENE)	0.1 - < 0.2 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 2000 mg/kg Aquatic Acute 1; H400: M=1	

#### Labelling for contents according to Regulation (EC) No 648/2004

15 % - < 30 % anionic surfactants, < 5 % EDTA and salts thereof, perfumes (Benzyl benzoate, Limonene, Citral, Linalool).

#### Further Information

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

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

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

Causes skin irritation.

Causes serious eye irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Alcohol resistant foam. Atomized water.

#### 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 (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>)

### 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.

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 4 of 14

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Safe handling: see section 7

#### For non-emergency personnel

Wear personal protection equipment (refer to section 8).

#### For emergency responders

No special measures are necessary.

### 6.2. Environmental precautions

Discharge into the environment must be avoided.

### 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.

#### Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Advice on general occupational hygiene

Always close containers tightly after the removal of product. When using do not eat, drink or smoke. Wash hands before breaks and after work.

#### Further information on handling

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.

#### 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 the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20 °C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

### 7.3. Specific end use(s)

See section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 5 of 14

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL

#### DNEL/DMEL values

CAS No	Substance	DNEL type	Exposure route	Effect	Value
64-17-5	ethanol; ethyl alcohol				
		Worker DNEL, long-term	inhalation	systemic	380 mg/m <sup>3</sup>
		Worker DNEL, acute	inhalation	local	1900 mg/m <sup>3</sup>
		Worker DNEL, long-term	dermal	systemic	343 mg/kg bw/day
		Consumer DNEL, long-term	inhalation	systemic	114 mg/m <sup>3</sup>
		Consumer DNEL, acute	inhalation	local	950 mg/m <sup>3</sup>
		Consumer DNEL, long-term	dermal	systemic	206 mg/kg bw/day
		Consumer DNEL, long-term	oral	systemic	87 mg/kg bw/day

#### PNEC values

CAS No	Substance	Environmental compartment	Value
64-17-5	ethanol; ethyl alcohol		
		Freshwater	0,96 mg/l
		Freshwater (intermittent releases)	2,75 mg/l
		Marine water	0,79 mg/l
		Freshwater sediment	3,6 mg/kg
		Marine sediment	2,9 mg/kg
		Secondary poisoning	380 mg/kg
		Micro-organisms in sewage treatment plants (STP)	580 mg/l
		Soil	0,63 mg/kg

#### 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). BS/EN 166

##### Hand protection

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time  $\geq$  8 h

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 6 of 14

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time  $\geq$  8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time  $\geq$  8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time  $\geq$  8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time  $\geq$  8 h

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.

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.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

#### Skin protection

Suitable protective clothing: Lab apron.

#### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

-Exceeding exposure limit values

-Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3

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

Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	colourless	
Odour:	Apple, mint	
Odour threshold:	not determined	
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:		>100 °C
Auto-ignition temperature:		not determined
Decomposition temperature:		not relevant
pH-Value:		10
Viscosity / kinematic:		not determined
Water solubility:		miscible
Solubility in other solvents		
not determined		
Dissolution rate:		not relevant

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 7 of 14

Partition coefficient n-octanol/water:	not relevant
Dispersion stability:	not relevant
Vapour pressure:	not determined
Density:	not determined
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 relevant

Viscosity / dynamic:

not determined

Flow time:

not determined

##### Further Information

No information available.

## 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

Refer to chapter 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

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>)

## SECTION 11: Toxicological information

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

#### Toxicokinetics, metabolism and distribution

No data available.

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 8 of 14

#### Acute toxicity

Based on available data, the classification criteria are not met.  
Contact with acids liberates very toxic gas.

#### ATEmix calculated

ATE (oral) 178000 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
64-17-5	ethanol; ethyl alcohol					
	oral	LD50 mg/kg	10470	Rat	REACH dossier	OECD Guideline 401
	inhalation (4 h) vapour	LC50 mg/l	124,7	Rat	REACH dossier	OECD Guideline 403
64-02-8	tetrasodium ethylene diamine tetraacetate					
	oral	LD50 mg/kg	1780	Rat.	ECHA Dossier	
120-51-4	benzyl benzoate					
	oral	LD50 mg/kg	3253	Mouse	ECHA Dossier	OECD Guideline 401
	dermal	LD50 mg/kg	>2000	Rabbit.	ECHA Dossier	
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (LIMONENE)					
	oral	LD50 mg/kg	> 2000	Rat	REACH dossier	OECD Guideline 423
	dermal	LD50 mg/kg	> 5000		REACH dossier	

#### Irritation and corrosivity

Causes skin irritation.  
Causes serious eye irritation.

#### Sensitising effects

Based on available data, the classification criteria are not met.  
Contains (R)-p-mentha-1,8-diene; d-limonene (LIMONENE). May produce an allergic reaction.

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

Ethanol:

In-vitro mutagenicity: No experimental indications of mutagenicity in-vitro exist. Reproductive toxicity: Exposure time: 18 weeks Species: CD-1 Mouse. Method: OECD Guideline 416

Result: NOAEL = 20700 mg/kg/day Developmental toxicity/teratogenicity: Exposure time: 19d Species: Sprague-Dawley Rat. Method: OECD Guideline 414 Result: NOAEL = 16000 ppm (maternal toxicity) Result: NOAEL >= 20000 ppm (teratogenicity) Literature information: REACH dossier

tetrasodium ethylene diamine tetraacetate:

Developmental toxicity/teratogenicity: Species: Rat. Exposure duration: 20d. Result: NOAEL >= 1374 mg/kg bw/day . 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.

Ethanol:

Subchronic oral toxicity:

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 9 of 14

Exposure time: 90d; Species: Sprague-Dawley Rat.

Method: OECD Guideline 408; Result: NOAEL = 1280 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

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64-17-5	ethanol; ethyl alcohol					
	Acute fish toxicity	LC50 15400 mg/l	96 h	Lepomis macrochirus	REACH dossier	EPA-660/3-75-009, 1975
	Acute algae toxicity	ErC50 ca. 22000 mg/l	96 h	Raphidocelis subcapitata	REACH dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 > 10000 mg/l	48 h	Daphnia magna	REACH dossier	DIN 38412 part 11
	Fish toxicity	NOEC > 79 mg/l	100 d	Oryzias latipes	REACH dossier	
	Algae toxicity	NOEC 5400 mg/l	5 d	Skeletonema costatum	REACH dossier	
	Crustacea toxicity	NOEC 2 mg/l	10 d	Ceriodaphnia dubia	REACH dossier	
64-02-8	tetrasodium ethylene diamine tetraacetate					
	Acute fish toxicity	LC50 121 mg/l	96 h	Lepomis macrochirus	ECHA Dossier	
120-51-4	benzyl benzoate					
	Acute fish toxicity	LC50 2,32 mg/l	96 h	Danio rerio	ECHA Dossier	EU Method C.1
	Acute algae toxicity	ErC50 0,475 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 4,26 mg/l	48 h	Daphnia magna	ECHA Dossier	OECD Guideline 202
	Crustacea toxicity	NOEC 0,258 mg/l	21 d	Daphnia magna	ECHA Dossier	EU Method C.20
	Acute bacteria toxicity	EC50 > 10000 mg/l ( )	3 h	Activated sludge	ECHA Dossier	ISO 8192
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (LIMONENE)					
	Acute fish toxicity	LC50 0,72 mg/l	96 h	Pimephales promelas	REACH dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 0,32 mg/l	72 h	Pseudokirchneriella subcapitata	REACH dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 0,307 mg/l	48 h	Daphnia magna	REACH dossier	OECD Guideline 202

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 10 of 14

	Acute bacteria toxicity	EC50 ( )	209 mg/l	3 h		REACH dossier	
--	-------------------------	-------------	----------	-----	--	---------------	--

#### 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
64-17-5	ethanol; ethyl alcohol				
	other method (BOD method 1971)	84%		20	REACH dossier
	Readily biodegradable				
120-51-4	benzyl benzoate				
	EU Method C.4-D	94%		28	ECHA Dossier
	Easily biodegradable (concerning to the criteria of the OECD)				
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (LIMONENE)				
	OECD 301D / EEC 92/69 annex V, C.4-E	80 %		28	REACH dossier
	Easily biodegradable (concerning to the criteria of the OECD)				

#### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,77
120-51-4	benzyl benzoate	ca. 3,97
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (LIMONENE)	4,38

#### BCF

CAS No	Chemical name	BCF	Species	Source
64-17-5	ethanol; ethyl alcohol	1	Cyprinus carpio	REACH dossier
120-51-4	benzyl benzoate	193,4	no data	ECHA Dossier
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (LIMONENE)	864,8	no data	REACH dossier

#### 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

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 11 of 14

#### 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

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

#### List of Wastes Code - used product

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; 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 this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

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

#### Marine transport (IMDG)

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

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 12 of 14

#### **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, 40

Regulation (EC) No. 648/2004 (Detergents regulation)

##### **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**

For the following substances of this mixture a chemical safety assessment has been carried out:

ethanol; ethyl alcohol

#### **SECTION 16: Other information**

##### **Changes**

Rev. 1.0; 15.07.2016, Initial release

Rev. 1.1; 01.09.2016, Changes in chapter: 1, 16.

Rev. 2.0; 15.05.2020, Revision Changes in chapter: 2-16.

Rev. 2.1; 11.02.2021, Revision

Rev. 3.0; 05.01.2023, Revision Changes in chapter: 2-16.

Rev. 3.1; 23.10.2023, Changes in chapter: 1, 16.

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 13 of 14

#### Abbreviations and acronyms

Flam. Liq: Flammable liquids  
 Acute Tox: Acute toxicity  
 Asp. Tox: Aspiration hazard  
 Skin Irrit: Skin irritation  
 Eye Dam: Eye damage  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation  
 Aquatic Acute: Acute aquatic 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)  
 AGW: Arbeitsplatzgrenzwert  
 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: Regulation 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

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

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method

#### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q<sup>2</sup>M TrimCleaner

Revision date: 23.10.2023

Product code: GM0019

Page 14 of 14

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains (R)-p-mentha-1,8-diene; d-limonene (LIMONENE). May produce an allergic reaction.

#### 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.)*