

Safety Data Sheet

according to UK REACH Regulation

GYEON Q2M DegreaseTabs

Revision date: 06.01.2023

Product code: GM0046

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

1.1. Product identifier

GYEON Q2M DegreaseTabs

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

Use of the substance/mixture

Cleaner Tablets

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 Dam. 1; H318
STOT SE 3; H335

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

citric acid
sodium dodecyl sulphate
tetrasodium ethylene diamine tetraacetate
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides

Signal word: Danger

Pictograms:



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Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory 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.
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

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
77-92-9	citric acid (CITRIC ACID)			35 - < 40 %
	201-069-1	607-750-00-3		
	Eye Irrit. 2, STOT SE 3; H319 H335			
497-19-8	sodium carbonate			30 - < 35 %
	207-838-8	011-005-00-2		
	Eye Irrit. 2; H319			
151-21-3	sodium dodecyl sulphate			7 - < 10 %
	205-788-1			
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
64-02-8	tetrasodium ethylene diamine tetraacetate			1 - < 3 %
	200-573-9	607-428-00-2		
	Acute Tox. 4, Acute Tox. 4, Eye Dam. 1, STOT RE 2; H332 H302 H318 H373			
63449-41-2	quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides			1 - < 3 %
	264-151-6	612-140-00-5		
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1; H312 H302 H314 H400			

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		
77-92-9	201-069-1	citric acid (CITRIC ACID)	35 - < 40 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 5400 mg/kg		
497-19-8	207-838-8	sodium carbonate	30 - < 35 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2800 mg/kg		

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151-21-3	205-788-1	sodium dodecyl sulphate	7 - < 10 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1200 mg/kg Eye Dam. 1; H318: >= 20 - 100 Eye Irrit. 2; H319: >= 10 - < 20	
64-02-8	200-573-9	tetrasodium ethylene diamine tetraacetate	1 - < 3 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = 1780 mg/kg	
63449-41-2	264-151-6	quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	1 - < 3 %
		dermal: LD50 = 1560 mg/kg; oral: LD50 = 240 mg/kg	

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

5 % - < 15 % anionic surfactants, perfumes, < 5 % EDTA and salts thereof, disinfectants.

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

Seek medical treatment immediately.

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

After contact with eyes

Seek medical treatment immediately.

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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 damage.

May cause respiratory 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 (CO2). 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 (CO2).

5.3. Advice for firefighters

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

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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

Avoid dust formation.

Do not breathe dust.

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

Take up mechanically.

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. Dust clouds may present an explosion hazard.

Advice on general occupational hygiene

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work.

Further information on handling

Avoid generation of dust.

General protection and hygiene measures: refer to chapter 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)

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See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL

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

Dust protection goggles.

Hand protection

Wear suitable gloves.

Suitable material:

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

Breakthrough time \geq 8 h

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.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory protection

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

Respiratory protection necessary at:

-Exceeding exposure limit values

-Generation/formation of dust

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-2

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates)

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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:	solid	
Colour:	white	
Odour:	odourless	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		not determined
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		not determined
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		10
Viscosity / kinematic:		not determined
Water solubility:		soluble
Solubility in other solvents		not determined
Dissolution rate:		not relevant
Partition coefficient n-octanol/water:		SECTION 12: Ecological information
Dispersion stability:		not relevant
Vapour pressure:		not determined
Density:		not determined
Bulk density:		not determined
Relative vapour density:		not determined
Particle characteristics:		not relevant

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Dust clouds may present an explosion hazard.

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 determined
Softening point:	not determined
Pour point:	not determined
Viscosity / dynamic:	not determined

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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

No hazardous reaction when handled and stored according to provisions.

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.

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

Toxicokinetics, metabolism and distribution

No data available.

Acute toxicity

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

ATEmix calculated

ATE (oral) 9267,6 mg/kg; ATE (dermal) 104000,0 mg/kg; ATE (inhalation vapour) 550,00 mg/l; ATE (inhalation dust/mist) 75,000 mg/l

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
77-92-9	citric acid (CITRIC ACID)					
	oral	LD50 mg/kg	5400	Mouse	ECHA Dossier	OECD Guideline 401
	dermal	LD50 mg/kg	> 2000	Rat	ECHA Dossier	OECD Guideline 402
497-19-8	sodium carbonate					
	oral	LD50 mg/kg	2800	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	> 2000	Rabbit.	ECHA Dossier	
151-21-3	sodium dodecyl sulphate					
	oral	LD50 mg/kg	1200	Rat	ECHA Dossier	OECD Guideline 401
	dermal	LD50 mg/kg	> 2000	Rat	ECHA Dossier	OECD Guideline 402
64-02-8	tetrasodium ethylene diamine tetraacetate					

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	oral	LD50 mg/kg	1780	Rat	ECHA Dossier	
	inhalation vapour	ATE	11 mg/l			
	inhalation dust/mist	ATE	1,5 mg/l			
63449-41-2	quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides					
	oral	LD50 mg/kg	240	Rat	MSDS extern	
	dermal	LD50 mg/kg	1560	Rat	MSDS extern	

Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause respiratory irritation. (citric acid (CITRIC ACID))

STOT-repeated exposure

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

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
77-92-9	citric acid (CITRIC ACID)					
	Acute fish toxicity	LC50 mg/l	> 100	96 h	Pimephales promelas	ECHA Dossier OECD Guideline 203
	Acute crustacea toxicity	EC50 (24h) mg/l	> 50	48 h	Dreissena polymorpha	ECHA Dossier
	Algae toxicity	NOEC	425 mg/l	8 d	Scenedesmus quadricauda	EPSR Bringmann & Kuhn (1980)
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	ECHA Dossier
	Acute crustacea toxicity	EC50	200 - 227 mg/l	48 h	Ceriodaphnia sp.	ECHA Dossier
151-21-3	sodium dodecyl sulphate					

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	Acute fish toxicity	LC50	29 mg/l	96 h	Pimephales promelas	ECHA Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	> 120	72 h	Desmodesmus subspicatus	ECHA Dossier	DIN 38412, part 9
	Acute crustacea toxicity	EC50 mg/l	3,15	48 h	Artemia salina	ECHA Dossier	
	Fish toxicity	NOEC mg/l	>= 1,357	42 d	Pimephales promelas	Bulletin of Environmental Contamination	
	Crustacea toxicity	NOEC mg/l	0,88	7 d	Ceriodaphnia dubia	Environmental Toxicology and Water Quali	EPA-600/489/001
	Acute bacteria toxicity	(EC50 mg/l)	135	3 h	activated sludge of a predominantly domestic sewage	Water Research 17(10): 1363-1368 (1983)	
64-02-8	tetrasodium ethylene diamine tetraacetate						
	Acute fish toxicity	LC50	121 mg/l	96 h	Lepomis macrochirus	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Desmodesmus subspicatus	ECHA Dossier	
63449-41-2	quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides						
	Acute fish toxicity	LC50	1,7 mg/l	96 h	Oncorhynchus mykiss	MSDS extern	
	Acute algae toxicity	ErC50 mg/l	0,06	96 h	Selenastrum capricornum	MSDS extern	
	Acute crustacea toxicity	EC50 mg/l	0,03	48 h	Daphnien	MSDS extern	

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
77-92-9	citric acid (CITRIC ACID)				
	OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C	97 %	28	ECHA Dossier	
	Easily biodegradable (concerning to the criteria of the OECD)				
151-21-3	sodium dodecyl sulphate				
	OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C	95%	28	ECHA Dossier	
	Readily biodegradable (according to OECD criteria).				

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
77-92-9	citric acid (CITRIC ACID)	-1,55
151-21-3	sodium dodecyl sulphate	0
63449-41-2	quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	0,5-1,58

BCF

CAS No	Chemical name	BCF	Species	Source
77-92-9	citric acid (CITRIC ACID)	3,2		ECHA Dossier
151-21-3	sodium dodecyl sulphate	ca. 4	Cyprinus carpio	REACH Registration D
64-02-8	tetrasodium ethylene diamine tetraacetate	1,8	Lepomis macrochirus	ECHA Dossier

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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

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)

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

Inland waterways transport (ADN)

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

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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

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

2010/75/EU (VOC): not determined

2004/42/EC (VOC): not determined

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

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The mixture is classified as hazardous according to GHS (GB CLP).

UK REACH Appendix XVII, No (mixture): -

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:

SECTION 16: Other information

Changes

Rev. 1.0; Initial release: 13.09.2021

Rev. 2.0; 06.01.2023, Revision Changes in chapter: 2-16.

Abbreviations and acronyms

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

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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

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

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method
STOT SE 3; H335	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Further Information

Safety Data Sheet

according to UK REACH Regulation

GYEON Q2M DegreaseTabs

Revision date: 06.01.2023

Product code: GM0046

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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 hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)