

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 1 of 13

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

### 1.1. Product identifier

GYEON Q2 Primer

### 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.  
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

Asp. Tox. 1; H304  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### GB CLP Regulation

#### Hazard components for labelling

Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha  
Distillates (petroleum), hydro-treated light; Kerosine - unspecified  
White mineral oil (petroleum)  
Paraffin oils

Signal word: Danger

Pictograms:



## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 2 of 13

#### Hazard statements

- H304 May be fatal if swallowed and enters airways.  
 H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P331 Do NOT induce vomiting.  
 P405 Store locked up.  
 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)   |              |          |           |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen 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 ydrogen 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     |  |           |

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 3 of 13

|  |           |               |           |
|--|-----------|---------------|-----------|
| 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 ydrogen 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. 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

May be fatal if swallowed and enters airways.  
 following inhalation: Headache. spasms. Repeated exposure may cause skin dryness or cracking. Caution if victim vomits: Risk of aspiration!

### 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). 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

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 4 of 13

#### 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. Do not eat, drink, smoke or sneeze at the workplace. 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 Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 5 of 13

#### Exposure limits (EH40)

| CAS No    | Substance                         | ppm | mg/m <sup>3</sup> | 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       | Value   |
|--|-----------------|---------|
| 1344-28-1  | aluminium oxide |         |
| Micro-organisms in sewage treatment plants (STP) |                 | 20 mg/l |

#### 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

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

-Insufficient ventilation and aerosol or mist formation

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 6 of 13

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3  
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:   | blue           |                                    |
| Odour:  | Petroleum      |                                    |
| 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 determined                     |
| pH-Value:   |                | 8,5                                |
| Viscosity / kinematic:                                    |                | not determined                     |
| Water solubility:   |                | miscible.                          |
| 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      | 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 determined |
| Softening point:         |  | not determined |

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 7 of 13

Pour point: not determined  
 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.

#### Acute toxicity

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

| CAS No     | Chemical name  |                   |         |              |        |
|------------|--|-------------------|---------|--------------|--------|
|            | Exposure route   | Dose              | Species | Source       | Method |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen 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     | ECHA Dossier |        |
|            | dermal   | LD50 > 2000 mg/kg | Rabbit. | ECHA Dossier |        |
|            | inhalation (4 h) vapour  | LC50 > 5,3 mg/l   | Rat     | ECHA Dossier |        |
| 8042-47-5  | White mineral oil (petroleum)  |                   |         |              |        |
|            | oral   | LD50 >5000 mg/kg  | Rat     | ECHA Dossier |        |
|            | dermal   | LD50 >2000 mg/kg  | Rabbit  | ECHA Dossier |        |

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 8 of 13

|           |                               |               |         |         |              |  |
|-----------|-------------------------------|---------------|---------|---------|--------------|--|
|           | inhalation (4 h)<br>dust/mist | LC50          | >5 mg/l | Rat     | ECHA Dossier |  |
| 8012-95-1 | Paraffin oils                 |               |         |         |              |  |
|           | oral                          | LD50<br>mg/kg | >5000   | Rat     | ECHA Dossier |  |
|           | dermal                        | LD50<br>mg/kg | >2000   | Rabbit. | ECHA Dossier |  |

#### Irritation and corrosivity

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

#### 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.

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: ECHA dossier; Carcinogenicity: Method: (dermal.) OECD Guideline 451

(Carcinogenicity Studies); Species: Mouse.; Length of test: 2 years; Result: negative. Literature information:

ECHA dossier; Reproductive toxicity: Method: OECD Guideline 416 (Two-Generation Reproduction Toxicity

Study); Species: Rat; Result: NOAEL >= 20000 mg/kg; Literature information: ECHA dossier

Developmental toxicity/teratogenicity: Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study);

Species: Rat Result: NOAEL = 239000 mg/kg; Literature information: ECHA 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: ECHA dossier

Developmental toxicity/teratogenicity:

Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study); Species: Rat

Results: NOAEL >= 5000 mg/kg; Literature information: ECHA 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/m<sup>3</sup>; Literature information: ECHA 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: ECHA dossier

Subchronic dermal toxicity:

Method: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Species: Rat.

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 9 of 13

Results: NOAEL >2000 mg/kg

Literature information: ECHA dossier

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### 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        |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha |                     |           |         |                                 |               |
|            | Acute fish toxicity  | LC50<br>8,2 mg/l    | LL50:     | 96 h    | Pimephales promelas             | ECHA Dossier  |
|            | Acute algae toxicity   | ErC50<br>3,1 mg/l   | EL50:     | 72 h    | Pseudokirchnerella subcapitata  | ECHA Dossier  |
|            | Acute crustacea toxicity   | EC50<br>4,5 mg/l    | EL50:     | 48 h    | Daphnia magna                   | ECHA Dossier  |
|            | Crustacea toxicity   | NOEC<br>2,6 mg/l    | NOELR:    | 21 d    | Daphnia magna                   | ECHA Dossier  |
| 64742-47-8 | Distillates (petroleum), hydro-treated light; Kerosine - unspecified               |                     |           |         |                                 |               |
|            | Acute algae toxicity   | ErC50<br>3 mg/l     | EL50: 1-  | 72 h    | Pseudokirchneriella subcapitata | ECHA Dossier  |
|            | Acute crustacea toxicity   | EL50                | 1,4 mg/l  | 48 h    | Daphnia magna                   | ECHA Dossier  |
| 8042-47-5  | White mineral oil (petroleum)  |                     |           |         |                                 |               |
|            | Acute fish toxicity  | LC50<br>mg/l        | >1000     | 96 h    | Leuciscus idus                  | ECHA Dossier  |
|            | Acute crustacea toxicity   | EC50<br>100 mg/l    | LL50 >    | 48 h    | Daphnia magna                   | ECHA Dossier  |
|            | Fish toxicity  | NOEC<br>100 mg/l    | NOEL>=    | 28 d    | QSAR                            | ECHA Dossier  |
| 8012-95-1  | Paraffin oils  |                     |           |         |                                 |               |
|            | Acute fish toxicity  | LC50<br>>1028 mg/l  | LL50:     | 96 h    | Scophthalmus maximus            | MSDS external |
|            | Acute algae toxicity   | ErC50<br>>3200 mg/l | EL50:     | 72 h    | Skeletonema costatum            | MSDS external |
|            | Acute crustacea toxicity   | EC50<br>>3193 mg/l  | EL50:     | 48 h    | Acatia tonsa                    | MSDS external |
|            | Algae toxicity   | NOEC<br>993 mg/l    | NOELR:    | 3 d     | Skeletonema costatum            | MSDS external |

#### 12.2. Persistence and degradability

| CAS No | Chemical name |
|--------|---------------|
|--------|---------------|

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 10 of 13

|            | Method   | Value | d  | Source        |
|------------|--|-------|----|---------------|
|            | Evaluation   |       |    |               |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen 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 | ECHA Dossier  |
| 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

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 11 of 13

#### 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)

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

#### Inland waterways transport (ADN)

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

#### Marine transport (IMDG)

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

#### Air transport (ICAO-TI/IATA-DGR)

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

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

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

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 12 of 13

#### 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 chapter: 1, 16.  
 Rev. 2.0; 18.05.2020, Revision Changes in chapter: 2-16.  
 Rev. 2.1; 11.02.2021, Revision  
 Rev. 2.2; 20.05.2021, Revision Changes in chapter: 9.  
 Rev. 3.0; 05.01.2023, 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)  
 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

## Safety Data Sheet

according to UK REACH Regulation

### GYEON Q2 Primer

Revision date: 05.01.2023

Product code: GM0027

Page 13 of 13

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

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Asp. Tox. 1; H304       | Calculation method       |
| 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 hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*