# Safety Data Sheet

according to UK REACH Regulation

**GYEON Q2M Compound**



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

### 1.1. Product identifier

GYEON Q2M Compound

UFI: JHM4-G7W9-T00E-EDPN

### 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**

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

**GB CLP Regulation**

**Hazard statements**

| | |
|---|---|
| H412 | Harmful to aquatic life with long lasting effects. |

**Precautionary statements**

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

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Relevant ingredients**

| CAS No | Chemical name | | | Quantity |
|---|---|---|---|---|
| | EC No | Index No | REACH No | |
| | Classification (GB CLP Regulation) | | | |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha | | | 7 - 15 % |
| | 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 - 8 % |
| | 265-149-8 | 649-422-00-2 | | |
| | Asp. Tox. 1; H304 | | | |
| 8042-47-5 | White mineral oil (petroleum) | | | 1 - 3 % |
| | 232-455-8 | | | |
| | Asp. Tox. 1; H304 | | | |

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

**Specific Conc. Limits, M-factors and ATE**

| CAS No | EC No | Chemical name | Quantity |
|---|---|---|---|
| | Specific Conc. Limits, M-factors and ATE | | |
| 64742-48-9 | 265-150-3 | Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha | 7 - 15 % |
| | inhalation: LC50 = (5,61) mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg | | |
| 8042-47-5 | 232-455-8 | White mineral oil (petroleum) | 1 - 3 % |
| | inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg | | |

**Further Information**

- Naphtha (petroleum), light alkylate; Low boiling point modified naphtha (P)
- Distillates (petroleum), hydro-treated light; Kerosine - unspecified (P)

Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0.1 % w/w benzene (Einecs No 200-753-7).

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information**

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

**After inhalation**

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

**After contact with skin**

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

**After contact with eyes**

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

**After ingestion**

Immediately call a doctor. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps.

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

See sections 2 and 11

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

Treat symptomatically.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media**

**Suitable extinguishing media**

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

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Burning produces heavy smoke.
Can be released in case of fire: Carbon monoxide (CO). Carbon dioxide (CO2). Sulphur dioxide (SO2). Nitrogen oxides (NOx).

**5.3. Advice for firefighters**

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

**Additional information**

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

## SECTION 6: Accidental release measures

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

**General advice**

Safe handling: see section 7
Special danger of slipping by leaking/spilling product.

**For non-emergency personnel**

Wear personal protection equipment (refer to section 8).

**For emergency responders**

No special measures are necessary.

**6.2. Environmental precautions**

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

**6.3. Methods and material for containment and cleaning up**

**For containment**

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

**For cleaning up**

Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling**

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

**Advice on protection against fire and explosion**

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

**Advice on general occupational hygiene**

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

**Further information on handling**

Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes. General protection and hygiene measures: refer to 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. Keep/Store only in original container. Suitable material for Container: Stainless steel. Steel. storage temperature: +10°C - 30°C Ensure adequate ventilation of the storage area.

**Hints on joint storage**

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

**Further information on storage conditions**

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

### 7.3. Specific end use(s)

See section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure limits (EH40)**

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

**PNEC values**

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

**Additional advice on limit values**

Air limit values::
Possibility of exposure to Aerosol ; Limit value = 5 mg/ m3 - Source: ACGIH

## 8.2. Exposure controls



**Appropriate engineering controls**

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

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

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

**Hand protection**

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

**Skin protection**

Oil-resistant and hardly inflammable protective clothing.

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.
Respiratory protection necessary at:
-aerosol or mist formation
-Exceeding exposure limit values
Suitable respiratory protection apparatus: Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.
Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo.
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

**Environmental exposure controls**

No information available.

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| Physical state: | liquid |
| Colour: | blue |
| Odour: | Petroleum |
| Odour threshold: | not determined |

| | | Test method |
|---|---|---|
| Melting point/freezing point: | not determined | |
| Boiling point or initial boiling point and boiling range: | 100 °C | |
| Flammability: | not determined | |
| Lower explosion limits: | not determined | |
| Upper explosion limits: | not determined | |
| Flash point: | 95 °C | |
| Auto-ignition temperature: | not determined | DIN 51794 |
| Decomposition temperature: | not relevant | |
| pH-Value: | 8,5 | |
| Viscosity / kinematic: (at 40 °C) | 19180 mm²/s | |
| Water solubility: | miscible. | |
| Solubility in other solvents | | |
| not determined | | |
| Dissolution rate: | not relevant | |
| Partition coefficient n-octanol/water: | not relevant | |
| Dispersion stability: | not relevant | |
| Vapour pressure: | not determined | |
| Density: | 1,1 g/cm³ | |
| Bulk density: | not relevant | |
| Relative vapour density: | not determined | |
| Particle characteristics: | not relevant | |

### 9.2. Other information

**Information with regard to physical hazard classes**

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

**Other safety characteristics**

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

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

No information available.

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

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

**10.4. Conditions to avoid**

Protect against: UV-radiation/sunlight. heat.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

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

## SECTION 11: Toxicological information

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

**Toxicocinetics, metabolism and distribution**

No data available.

**Acute toxicity**

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

**ATEmix calculated**

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

| CAS No | Chemical name | | | | |
|---|---|---|---|---|---|
| | Exposure route | Dose | Species | Source | Method |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha | | | | |
| | oral | LD50 >5000 mg/kg | Rat | ECHA Dossier | |
| | dermal | LD50 >2000 mg/kg | Rabbit | ECHA Dossier | |
| | inhalation (4 h) dust/mist | LC50 (5,61) mg/l | Rat | ECHA Dossier | |
| 8042-47-5 | White mineral oil (petroleum) | | | | |
| | oral | LD50 >5000 mg/kg | Rat | ECHA Dossier | |
| | dermal | LD50 >2000 mg/kg | Rabbit | ECHA Dossier | |
| | inhalation (4 h) dust/mist | LC50 >5 mg/l | Rat | ECHA Dossier | |

**Irritation and corrosivity**

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

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.
Distillates (petroleum), hydro-treated light; Kerosine - unspecified:
In vitro mutagenicity/genotoxicity:
Method:
- 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
- 476 (In vitro Mammalian Cell Gene Mutation Test)
- 471 (Bacterial Reverse Mutation Assay)
Result: negative. ; Literature information: REACH dossier
In vivo mutagenicity/genotoxicity:
Method:
- 475 (Mammalian Bone Marrow Chromosome Aberration Test)
- 478 (Genetic Toxicology: Rodent Dominant Lethal Test)
Result: negative.
Literature information: REACH dossier
Reproductive toxicity
Method:-
Species: Sprague-Dawley Rat ; Exposure route : oral
Result: NOAEL > 1500 mg/kg ; Literature information: REACH dossier
Developmental toxicity/teratogenicity
Method: 414 (Prenatal Developmental Toxicity Study)
Species: Sprague-Dawley Rat
Exposure route : oral
Result: NOAEL = 1000 mg/kg ; Literature information: REACH dossier

White mineral oil (petroleum):
In-vitro mutagenicity:
Method: 471 (Bacterial Reverse Mutation Assay)
Result: negative.
Literature information: ECHA dossier
Carcinogenicity:
Method: (oral.) 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: 421 (Reproduction / Developmental Toxicity Screening Test)
Species: Rat
Results: NOAEL >= 1000 mg/kg; Literature information: REACH dossier
Developmental toxicity/teratogenicity:
Method: 414 (Prenatal Developmental Toxicity Study)
Species: Rat
Results: NOAEL >= 5000 mg/kg; Literature information: REACH dossier

**STOT-single exposure**

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

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.
Distillates (petroleum), hydro-treated light; Kerosine - unspecified:
Subchronic oral toxicity:
Method:-
Species: Sprague-Dawley Rat
Exposure duration: 90d
Result: NOAEL = 750 mg/kg
Literature information: REACH dossier
Subchronic inhalation toxicity :
Method: 413 (Subchronic Inhalation Toxicity: 90-Day)
Species: Mouse

Exposure duration: 90d
Result: NOAEC = 1000 mg/kg
Literature information: REACH dossier
Subchronic oral toxicity:
Method: 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
Species: Sprague-Dawley Rat
Exposure duration: 28d
Result: NOAEC = 0,5 ml/kg
Literature information: REACH dossier

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

**Aspiration hazard**

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

**Specific effects in experiment on an animal**

No data available.

### 11.2. Information on other hazards

**Endocrine disrupting properties**

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

**Other information**

No data available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

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

| | | | | | | |
|---|---|---|---|---|---|---|
| | Fish toxicity | NOEC NOEL>= 100 mg/l | 28 d | QSAR | ECHA Dossier | |

**12.2. Persistence and degradability**

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.

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

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**Partition coefficient n-octanol/water**

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

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Endocrine disrupting properties**

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

**12.7. Other adverse effects**

No data available.

**Further information**

Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Disposal recommendations**

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

**List of Wastes Code - residues/unused products**

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

**List of Wastes Code - used product**

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

**List of Wastes Code - contaminated packaging**

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

**Contaminated packaging**

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

## SECTION 14: Transport information

**Land transport (ADR/RID)**

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

**Inland waterways transport (ADN)**

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

**Marine transport (IMDG)**

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

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

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

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Refer to section 6 - 8

**14.7. Maritime transport in bulk according to IMO instruments**

not relevant

## SECTION 15: Regulatory information

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: not determined

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

**Additional information**

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

**National regulatory information**

| | |
|---|---|
| Employment restrictions: | Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). |
| Water hazard class (D): | 1 - slightly hazardous to water |

**15.2. Chemical safety assessment**

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

## SECTION 16: Other information

**Changes**

Rev. 1,0; 15.07.2016, Initial release
Rev. 1.1; 01.09.2016, Changes in section: 1, 16.
Rev. 2.0; 15.05.2020, Revision Changes in section: 2-16.
Rev. 2.1; 11.02.2021, Revision
Rev. 3.0; 05.01.2023, Revision Changes in section: 2-16.
Rev. 3.1; 13.08.2024, Revision
Rev. 3.2; 24.09.2024, Revision Changes in section: 9.

**Abbreviations and acronyms**

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

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

| Classification | Classification procedure |
|---|---|
| Aquatic Chronic 3; H412 | Calculation method |

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

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

**Further Information**

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

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

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