

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 1/21/2021 Revision date: 1/21/2021 Supersedes version of: 4/14/2020 Version: 4.0

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

1.1. Product identifier

Product form : Mixture

Product name : GALVA BRIGHT

UFI : FUH6-U6Q5-400V-TAM8

Product code : 69523
Type of product : Paint,Aerosol
Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Professional use Industrial/Professional use spec : Industrial

For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

ROCOL a division of ITW Ltd ROCOL House Wakefield Rd, Swillington LS26 8BS Leeds - United Kingdom T +44 (0)113 232 2600

customer.service@rocol.com - www.rocol.com

1.4. Emergency telephone number

Emergency number : +44 (0) 113 232 2600

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|---|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre | 16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB Newcastle | 0344 892 0111 | Only for healthcare professionals |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





GHS02

: Danger

02 GHS09

Signal word (CLP)

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated. H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P251 - Pressurized container: Do not pierce or burn, even after use.

P273 - Avoid release to the environment.

P391 - Collect spillage.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P102 - Keep out of reach of children.

2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------|--|---------|---|
| butane | CAS-No.: 106-97-8 EC-No.: 203-448-7 | 20 – 40 | Flam. Gas 1A, H220 Press. Gas (Liq.), H280 |
| Propane | CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 REACH-no: 01-2119486944- 21 | < 20 | Flam. Gas 1A, H220 Press. Gas (Liq.), H280 |
| dimethyl ether | CAS-No.: 115-10-6 EC-No.: 204-065-8 EC Index-No.: 603-019-00-8 REACH-no: 01-2119472128- 37 | < 20 | Flam. Gas 1A, H220 Press. Gas |
| Acetone | CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330- | < 10 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|------|--|
| xylene | CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9 REACH-no: 01-2119488216- 32 | < 10 | Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg de poids corporel) Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 |
| Zinc powder - zinc dust (stabilized) | CAS-No.: 7440-66-6 EC-No.: 231-175-3 EC Index-No.: 030-002-00-7 REACH-no: 01-2119467174- 37 | < 10 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane | EC-No.: 931-254-9 REACH-no: 01-2119484651- 34 | < 5 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Cough. Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water,

followed by warm water rinse.

First-aid measures after eye contact : Direct contact with the eyes is likely to be irritating. Rinse immediately with plenty of water.

Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after inhalation : Shortness of breath.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water haze. Carbon dioxide. Foam. Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of

burns and injuries.

Hazardous decomposition products in case of fire : Thermal decomposition generates : fume. Carbon dioxide. Carbon monoxide.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment. DO NOT fight fire

when fire reaches explosives. Evacuate area.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk.

Remove ignition sources. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Do not pierce or burn, even after use.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent

formation of vapour. Do not spray on an open flame or other ignition source.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep

container closed when not in use. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Keep in fireproof place.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

Storage temperature : < 50 °C

7.3. Specific end use(s)

No additional information available

1/21/2021 (Revision date) EN (English) 4/13

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

| 8.1.1. National occupational exposure and biologica | i limit values | |
|--|---|--|
| butane (106-97-8) | | |
| United Kingdom - Occupational Exposure Limits | | |
| Local name | Butane | |
| WEL TWA (OEL TWA) [1] | 1450 mg/m³ | |
| WEL TWA (OEL TWA) [2] | 600 ppm | |
| WEL STEL (OEL STEL) | 1810 mg/m³ | |
| WEL STEL (OEL STEL) [ppm] | 750 ppm | |
| Remark (WEL) | Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene) | |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE | |
| dimethyl ether (115-10-6) | | |
| United Kingdom - Occupational Exposure Limits | | |
| Local name | Dimethyl ether | |
| WEL TWA (OEL TWA) [1] | 766 mg/m³ | |
| WEL TWA (OEL TWA) [2] | 400 ppm | |
| WEL STEL (OEL STEL) | 958 mg/m³ | |
| WEL STEL (OEL STEL) [ppm] | 500 ppm | |
| | | |
| Acetone (67-64-1) | | |
| Acetone (67-64-1) United Kingdom - Occupational Exposure Limits | | |
| | Acetone | |
| United Kingdom - Occupational Exposure Limits | Acetone 1210 mg/m³ | |
| United Kingdom - Occupational Exposure Limits Local name | | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] | 1210 mg/m³ | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] | 1210 mg/m³ 500 ppm | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) | 1210 mg/m³ 500 ppm 3620 mg/m³ | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) WEL STEL (OEL STEL) [ppm] | 1210 mg/m³ 500 ppm 3620 mg/m³ 1500 ppm | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) WEL STEL (OEL STEL) [ppm] Regulatory reference | 1210 mg/m³ 500 ppm 3620 mg/m³ 1500 ppm | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) WEL STEL (OEL STEL) [ppm] Regulatory reference xylene (1330-20-7) | 1210 mg/m³ 500 ppm 3620 mg/m³ 1500 ppm | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) WEL STEL (OEL STEL) [ppm] Regulatory reference xylene (1330-20-7) United Kingdom - Occupational Exposure Limits | 1210 mg/m³ 500 ppm 3620 mg/m³ 1500 ppm EH40/2005 (Fourth edition, 2020). HSE | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) WEL STEL (OEL STEL) [ppm] Regulatory reference xylene (1330-20-7) United Kingdom - Occupational Exposure Limits Local name | 1210 mg/m³ 500 ppm 3620 mg/m³ 1500 ppm EH40/2005 (Fourth edition, 2020). HSE Xylene, o-,m-,p- or mixed isomers | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) WEL STEL (OEL STEL) [ppm] Regulatory reference xylene (1330-20-7) United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] | 1210 mg/m³ 500 ppm 3620 mg/m³ 1500 ppm EH40/2005 (Fourth edition, 2020). HSE Xylene, o-,m-,p- or mixed isomers 220 mg/m³ | |
| United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] WEL STEL (OEL STEL) WEL STEL (OEL STEL) [ppm] Regulatory reference xylene (1330-20-7) United Kingdom - Occupational Exposure Limits Local name WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] | 1210 mg/m³ 500 ppm 3620 mg/m³ 1500 ppm EH40/2005 (Fourth edition, 2020). HSE Xylene, o-,m-,p- or mixed isomers 220 mg/m³ 50 ppm | |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

In case of splash hazard: safety glasses

8.2.2.2. Skin protection

Hand protection:

In case of repeated or prolonged contact wear gloves. Nitrile rubber gloves. The choice of appropriate gloves depends not only on the material, but also on other quality criteria that may vary from one manufacturer to another. As the product is a preparation made from several substances, glove material resistance may not be calculated in advance and must be tested before use. The exact penetration time of glove material is to be determined by the manufacturer of protective gloves and respected.

Other skin protection

Materials for protective clothing:

Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Viscosity, kinematic

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : Grey.

Odour : Organic solvent.
Odour threshold : Not available
Melting point : Not available
Freezing point : Not available
Boiling point : < 0 °C

Flammability : Extremely flammable aerosol.

Explosive limits : Not available
Lower explosive limit (LEL) : Not available
Upper explosive limit (UEL) : Not available
Flash point : < 0 °C
Auto-ignition temperature : Not available
Decomposition temperature : Not available
pH : Not available

Solubility : insoluble in water. soluble in most organic solvents.

: Not available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50 °C : Not available Density 1.096 g/cm³ Relative density : Not available Relative vapour density at 20 °C : Not available Particle size : Not applicable Particle size distribution : Not applicable Particle shape : Not applicable Particle aspect ratio : Not applicable : Not applicable Particle aggregation state Particle agglomeration state : Not applicable Particle specific surface area : Not applicable Particle dustiness : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 90.90727

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Extremely flammable aerosol. Stable under normal conditions. Heating may cause a fire or explosion.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Thermal decomposition generates: fume. Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

dimethyl ether (115-10-6)

LC50 Inhalation - Rat 312 mg/l/4h

Acetone (67-64-1)

| , , , , , , , , , , , , , , , , , , , | |
|---------------------------------------|---------------|
| LD50 oral rat | 5800 mg/kg |
| LD50 dermal rabbit | > 15800 mg/kg |

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Acetone (67-64-1) | |
|---|--|
| LC50 Inhalation - Rat | ≈ 76 mg/l/4h |
| Hydrocarbons, C6, isoalkanes, <5% | n-hexane |
| LD50 oral rat | > 36750 mg/kg |
| LD50 dermal rabbit | > 3350 ml/kg |
| LC50 Inhalation - Rat | 259354 mg/l/4h |
| Skin corrosion/irritation Additional information Serious eye damage/irritation Additional information Respiratory or skin sensitisation Additional information Germ cell mutagenicity Additional information Carcinogenicity Additional information Reproductive toxicity | Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Acetone (67-64-1) | |
| LOAEL (animal/female, F0/P) | 11298 mg/kg bodyweight Animal: mouse, Animal sex: female |
| NOAEL (animal/male, F0/P) | 900 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:Generation not specified (migrated information) |
| STOT-single exposure Additional information | Not classifiedBased on available data, the classification criteria are not met |
| Acetone (67-64-1) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| Hydrocarbons, C6, isoalkanes, <5% | n-hexane |
| STOT-single exposure | May cause drowsiness or dizziness. |
| STOT-repeated exposure Additional information | : Not classified: Based on available data, the classification criteria are not met |
| xylene (1330-20-7) | |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard Additional information | Not classified Based on available data, the classification criteria are not met |
| GALVA BRIGHT | |
| Vaporizer | Aerosol |

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2. Other information

Potential adverse human health effects and symptoms

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

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

1/21/2021 (Revision date) EN (English) 8/13

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Hazardous to the aquatic environment, short-term

: Not classified

(acute)

Hazardous to the aquatic environment, long-term

: Toxic to aquatic life with long lasting effects.

(chronic)

| · · · · · · · · · · · · · · · · · · · | | |
|--|--|--|
| dimethyl ether (115-10-6) | | |
| > 4000 mg/l | | |
| > 4000 mg/l | | |
| Acetone (67-64-1) | | |
| 5540 – 11000 mg/l | | |
| 8800 mg/l | | |
| > 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d' | | |
| ≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d' | | |
| 430 mg/l | | |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane | | |
| > 1 mg/l | | |
| 3.87 mg/l | | |
| 30 mg/l | | |
| | | |

12.2. Persistence and degradability

| GALVA BRIGHT | |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

12.3. Bioaccumulative potential

| GALVA BRIGHT | | |
|---|------------------|--|
| Bioaccumulative potential | Not established. | |
| dimethyl ether (115-10-6) | | |
| Partition coefficient n-octanol/water (Log Pow) | 0.18 | |
| Acetone (67-64-1) | | |
| Partition coefficient n-octanol/water (Log Kow) | -0.24 | |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane | | |
| Partition coefficient n-octanol/water (Log Kow) 4 | | |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

1/21/2021 (Revision date) 9/13 EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations. Container under

pressure. Do not drill or burn even after use.

Additional information : Flammable vapours may accumulate in the container.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID /

| ADR | IMDG | IATA | ADN | RID |
|---|---|--|--|--|
| 14.1. UN number or ID number | | | | |
| UN 1950 | UN 1950 | UN 1950 | UN 1950 | UN 1950 |
| 14.2. UN proper shippin | g name | | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable | AEROSOLS | AEROSOLS |
| Transport document descr | iption | | | |
| UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS | UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS | UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS | UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS | UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard | class(es) | | | |
| 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 1 1 1 1 1 1 1 1 1 1 | | ¥2 | 1 1 2 | ************************************** |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes Marine pollutant: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information | n available | | 1 | 1 |

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR): MP9Transport category (ADR): 2Special provisions for carriage - Packages (ADR): V14Special provisions for carriage - Loading, unloading: CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959

Limited quantities (IMDG) : SP277

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P207, LP02

Special packing provisions (IMDG) : PP87, L2

EmS-No. (Fire) : F-D

EmS-No. (Spillage) : S-U

Stowage category (IMDG) : None

Air transport

PCA Excepted quantities (IATA) : E0 PCA Limited quantities (IATA) : Y203 PCA limited quantity max net quantity (IATA) : 30kgG PCA packing instructions (IATA) : 203 PCA max net quantity (IATA) : 75kg CAO packing instructions (IATA) : 203 CAO max net quantity (IATA) : 150kg Special provisions (IATA) : A145, A167 ERG code (IATA) : 10L

Inland waterway transport

Classification code (ADN) : 5F

Special provisions (ADN) : 19, 327, 344, 625

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : 5F

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID): 1LExcepted quantities (RID): E0Packing instructions (RID): P207, LP02Special packing provisions (RID): PP87, RR6, L2

Mixed packing provisions (RID) : MP9

Transport category (RID) : 2

Special provisions for carriage – Packages (RID) : W14

Special provisions for carriage - Loading, unloading : CW9, CW12

and handling (RID)

Colis express (express parcels) (RID) : CE2 Hazard identification number (RID) : 23

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and

amending Regulation (EC) No 1907/2006.

Other information : None.

| Full text of H- and EUF | I-statements |
|---------------------------|--|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Gas 1A | Flammable gases, Category 1A |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Press. Gas | Gases under pressure |
| Press. Gas (Liq.) | Gases under pressure : Liquefied gas |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Full text of H- and EUH-statements | |
|------------------------------------|--|
| H336 | May cause drowsiness or dizziness. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.