

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 18/02/2019 Revision date: 25/02/2025 Supersedes version of: 04/11/2024 Version: 1.5

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

1.1. Product identifier

Product form : Mixture

Product name : CHAMPION PRORACING GP CHAIN LUBE

UFI : 1G3R-RX3U-Q450-MV61

Product code : 55505
Type of product : CHAMPION
Product group : Blend

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

Relevant identified uses

Intended for general public

Main use category : Industrial use, Professional use, Consumer use

Industrial/Professional use spec : Non industrial spraying

Industrial spraying

Function or use category : Lubricants and additives

1.3. Details of the supplier of the safety data sheet

CHAMPION CHEMICALS N.V.

Georges Gilliotstraat, 52 2620 Hemiksem, Antwerpen

België

T 0032 (0)3 870 00 00, F 0032 (0)3 870 00 99

msds@championlubes.com, https://www.championlubes.com

1.4. Emergency telephone number

Emergency number : 0032 (0)3 870 00 00

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|--------------|--|-----------------------------------|--|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| Sweden | Giftinformationscentralen | Box 60 500 171 76 Stockholm | 112 – begär Giftinformation +46 10 456 6700 (Från utlandet) | |

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
Skin corrosion/irritation, Category 2 H315
Specific target organ toxicity – Single exposure, Category 3, H336

Narcosis

Hazardous to the aquatic environment – Chronic Hazard, H411

Category 2

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

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP) : Danger

Contains : pentane; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

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

H229 - Pressurised container: May burst if heated.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness. H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking.

P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.

P271 - Use only outdoors or in a well-ventilated area.

P410+P412 - Protect from sunlight. Do no expose to temperatures exceeding 50° C / 122° F. P501 - Dispose of contents/container in accordance with local/regional/national/international

regulations.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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 substance(s) are 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

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|---------|--|
| pentane | CAS-No.: 109-66-0 EC-No.: 203-692-4 EC Index-No.: 601-006-00-1 | 25 – 50 | Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 |
| Butane | CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 | 10 – 25 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 |
| propane | CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 REACH-no: Annex V | 10 – 25 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | EC-No.: 921-024-6 REACH-no: 01-2119475514- 35 | 10 – 25 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|----------|---|
| Isobutane | CAS-No.: 75-28-5 EC-No.: 200-857-2 REACH-no: 01-2119485395- 27 | 2.5 – 10 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 |
| Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics | EC-No.: 918-481-9 REACH-no: 01-2119457273- 39 | 2.5 – 10 | Asp. Tox. 1, H304 |

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 after inhalation : Allow affected person to breathe fresh air. Seek medical advice.

First-aid measures after skin contact : Wash skin with mild soap and water.

First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.

First-aid measures after ingestion : Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

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

Symptoms/effects after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of

normal use.

Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal

use.

Symptoms/effects after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of

normal use.

Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of

normal use.

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 fog. Foam. Powder. Dry chemical product.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

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

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

For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.

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For emergency responders

Protective equipment : Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Impound and recover large spill by mixing it with inert granular solids.

Methods for cleaning up : Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.

Other information : Spill area may be slippery. Use suitable disposal containers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Take precautionary measures against static discharges.

Both local exhaust and general room ventilation are usually required. Prevent explosions. Container under pressure. Do not drill or burn even after use. Keep away from sources of

ignition - No smoking.

Handling temperature : < 40 °C

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature : ≤ 40 °C

Storage area : Store in dry, cool, well-ventilated area.

Special rules on packaging : Packaging destined for the general public must be fitted with a tactile danger indication.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

| CHAMPION PRORACING GP CHAIN LUBE | | | |
|--|---|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL) | EU - Indicative Occupational Exposure Limit (IOEL) | | |
| Remark | MAC (mg/m³): Butaan: 600 | | |
| Butane (106-97-8) | | | |
| Austria - Occupational Exposure Limits | | | |
| MAK (OEL TWA) | 1600 mg/m³ | | |
| | 800 ppm | | |
| Belgium - Occupational Exposure Limits | | | |
| Local name | Butane, tous isomères: n-butane # Butaan, alle isomeren: n-butaan | | |
| OEL STEL | 2370 mg/m³ | | |
| | 980 ppm | | |

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| D ((400.07.0) | | |
|---|--|--|
| Butane (106-97-8) | | |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 | |
| Denmark - Occupational Exposure Limits | | |
| OEL TWA | 1200 mg/m³ | |
| | 500 ppm | |
| OEL STEL | 2400 mg/m³ | |
| | 1000 ppm | |
| Finland - Occupational Exposure Limits | | |
| HTP (OEL TWA) | 1900 mg/m³ | |
| | 800 ppm | |
| HTP (OEL STEL) | 2400 mg/m³ | |
| | 1000 ppm | |
| France - Occupational Exposure Limits | | |
| VME (OEL TWA) | 1900 mg/m³ | |
| | 800 ppm | |
| Germany - Occupational Exposure Limits (TRGS 90 | 00) | |
| AGW (OEL TWA) | 2400 mg/m³ | |
| | 1000 ppm | |
| Hungary - Occupational Exposure Limits | | |
| CK (OEL STEL) | 2350 mg/m³ | |
| Ireland - Occupational Exposure Limits | | |
| OEL STEL | 1000 ppm | |
| Latvia - Occupational Exposure Limits | | |
| OEL TWA | 300 mg/m³ | |
| Poland - Occupational Exposure Limits | | |
| NDS (OEL TWA) | 1900 mg/m³ | |
| NDSCh (OEL STEL) | 3000 mg/m³ | |
| Spain - Occupational Exposure Limits | | |
| VLA-ED (OEL TWA) | 1000 ppm | |
| United Kingdom - Occupational Exposure Limits | | |
| WEL TWA (OEL TWA) | 1450 mg/m³ | |
| | 600 ppm | |
| WEL STEL (OEL STEL) | 1810 mg/m³ | |
| | 750 ppm | |
| Norway - Occupational Exposure Limits | | |
| Grenseverdi (OEL TWA) | 600 mg/m³ | |
| | 250 ppm | |
| Switzerland - Occupational Exposure Limits | | |
| MAK (OEL TWA) | 1900 mg/m³ | |
| | | |

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| Butane (106-97-8) | | |
|---|--|--|
| | 800 ppm | |
| propane (74-98-6) | | |
| Belgium - Occupational Exposure Limits | | |
| Local name | Hydrocarbures aliphatiques sous forme gazeuse: (Alcanes C1-C3) # Alifatische koolwaterstoffen in gas-vorm: Alkanen (C1-C3) | |
| OEL TWA | 1000 ppm | |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 | |
| Denmark - Occupational Exposure Limits | | |
| OEL TWA | 1800 mg/m³ | |
| | 1000 ppm | |
| OEL STEL | 3600 mg/m³ | |
| | 2000 ppm | |
| Finland - Occupational Exposure Limits | | |
| HTP (OEL TWA) | 1500 mg/m³ | |
| | 800 ppm | |
| HTP (OEL STEL) | 2000 mg/m³ | |
| | 1100 ppm | |
| Germany - Occupational Exposure Limits (TRGS 90 | 00) | |
| AGW (OEL TWA) | 1800 mg/m³ | |
| | 1000 ppm | |
| Latvia - Occupational Exposure Limits | | |
| OEL TWA | 1800 mg/m³ | |
| | 1000 ppm | |
| Poland - Occupational Exposure Limits | | |
| NDS (OEL TWA) | 1800 mg/m³ | |
| Romania - Occupational Exposure Limits | | |
| OEL TWA | 1400 mg/m³ | |
| | 778 ppm | |
| OEL STEL | 1800 mg/m³ | |
| | 1000 ppm | |
| Spain - Occupational Exposure Limits | | |
| VLA-ED (OEL TWA) | 1000 ppm | |
| Norway - Occupational Exposure Limits | | |
| Grenseverdi (OEL TWA) | 900 mg/m³ | |
| | 500 ppm | |
| Switzerland - Occupational Exposure Limits | | |
| MAK (OEL TWA) | 1800 mg/m³ | |
| | 1000 ppm | |
| KZGW (OEL STEL) | 7200 mg/m³ | |

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| propane (74-98-6) | | |
|--|---|--|
| | 4000 ppm | |
| Isobutane (75-28-5) | | |
| Belgium - Occupational Exposure Limits | | |
| Local name | Butane, tous isomères: iso-butane # Butaan, alle isomeren: iso-butaan | |
| OEL STEL | 2370 mg/m³ | |
| | 980 ppm | |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 | |
| Finland - Occupational Exposure Limits | | |
| HTP (OEL TWA) | 1900 mg/m³ | |
| | 800 ppm | |
| HTP (OEL STEL) | 2400 mg/m³ | |
| | 1000 ppm | |
| Germany - Occupational Exposure Limits (TRGS 90 | 00) | |
| AGW (OEL TWA) | 2400 mg/m³ | |
| | 1000 ppm | |
| Ireland - Occupational Exposure Limits | | |
| OEL STEL | 1000 ppm | |
| Switzerland - Occupational Exposure Limits | | |
| MAK (OEL TWA) | 1900 mg/m³ | |
| | 800 ppm | |
| Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics | | |
| Belgium - Occupational Exposure Limits | | |
| OEL TWA | 200 mg/m³ | |
| OEL STEL | 200 mg/m³ | |

8.2. Exposure controls

Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):





Eye and face protection

Eye protection:

Safety glasses

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Nitrile rubber (NBR) /

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| Hand protection | | | | | |
|---------------------------------------|----------------------|-------------------|----------------|-------------|------------|
| Туре | Material | Permeation | Thickness (mm) | Penetration | Standard |
| Reusable gloves, Disposable gloves | Nitrile rubber (NBR) | 5 (> 240 minutes) | >0,5 | | EN ISO 374 |

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

| Respiratory protection | iratory protection | | |
|------------------------|---|-----------|----------|
| Device | Filter type | Condition | Standard |
| | Type AX - Low-boiling (<65 °C) organic compounds, Type P2 | | |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

: Liquid Physical state Colour : white. : Aerosol. Appearance : Characteristic. Odour : Not available Odour threshold Melting point : Not available Freezing point : Not available Boiling point : -44 °C Flammability : > 200 °C Lower explosion limit : 0.7 vol % Upper explosion limit : 10.9 vol % Flash point : < -97 °C Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available

Solubility : Practically not miscible.

: Not available

Partition coefficient n-octanol/water (Log Kow) : Not available
Vapour pressure : 8300 hPa @20°C
Vapour pressure at 50°C : Not available
Density : 654 kg/m³ @20°C
Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

Viscosity, kinematic

Information with regard to physical hazard classes

Explosion limits : 0.7 - 10.9 vol %

Other safety characteristics

VOC content : 550.7 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

None under normal conditions.

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

| | _ | |
|-----------|------|--------|
| nentane i | (109 | -66-0) |

LD50 oral rat > 5000 mg/kg

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

| LD50 oral rat | > 5840 mg/kg |
|-----------------------|----------------|
| LD50 dermal rabbit | > 2920 mg/kg |
| LC50 Inhalation - Rat | > 25.2 mg/l/4h |

Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics

| LD50 oral rat | > 5000 mg/kg OECD 401 |
|-----------------------|-----------------------|
| LD50 dermal rabbit | > 5000 mg/kg OECD 402 |
| LC50 Inhalation - Rat | > 5000 mg/m³ 4h |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

pentane (109-66-0)

STOT-single exposure May cause drowsiness or dizziness.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified
Aspiration hazard : Not classified.

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1. Toxicity

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)

| (6.1.61.1.6) | | |
|--|--|--|
| pentane (109-66-0) | | |
| LC50 - Fish [1] | 4.26 mg/l Oncorhynchus mykiss | |
| EC50 - Crustacea [1] | 2.7 mg/l Daphnia magna | |
| EC50 72h - Algae [1] | 10.7 mg/l Pseudokirchneriella subcapitata | |
| NOEC chronic algae | 7.51 mg/l Pseudokirchneriella subcapitata - @72h | |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | | |
| LC50 - Fish [1] | 11.4 mg/l | |
| EC50 - Crustacea [1] | 3 mg/l (Daphnia magna) | |
| EC50 72h - Algae [1] | 30 – 100 mg/l (Pseudokirchneriella subcapitata) | |
| LOEC (chronic) | 0.32 mg/l Daphnia magna @21d | |
| NOEC chronic crustacea | 0.17 mg/l Daphnia magna (@21d) | |
| NOEC chronic algae | 3 mg/l Pseudokirchneriella subcapitata | |
| Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics | | |
| LC50 - Fish [1] | > 1000 mg/l @96h; Oncorhynchus mykiss | |
| EC50 - Crustacea [1] | > 1000 mg/l @48h; Daphnia Magna | |
| EC50 72h - Algae [1] | > 1000 mg/l Pseudokirchneriella subcapitata | |

12.2. Persistence and degradability

| CHAMPION PRORACING GP CHAIN LUBE | |
|--|--------------------------|
| Persistence and degradability | Rapidly degradable |
| pentane (109-66-0) | |
| Persistence and degradability | Rapidly degradable |
| Butane (106-97-8) | |
| Persistence and degradability | Rapidly degradable |
| propane (74-98-6) | |
| Persistence and degradability | Rapidly degradable |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
| Persistence and degradability | Not rapidly degradable |
| Isobutane (75-28-5) | |
| Persistence and degradability | Rapidly degradable |
| Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics | |
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 80 % @28d (OECD TG 301F) |

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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics

Ecology - soil Volatile liquid.

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

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Additional information : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

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

14.1. UN number or ID number

 UN-No. (ADR)
 : UN 1950

 UN-No. (IMDG)
 : UN 1950

 UN-No. (IATA)
 : UN 1950

 UN-No. (ADN)
 : UN 1950

 UN-No. (RID)
 : UN 1950

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS
Proper Shipping Name (IMDG) : AEROSOLS
Proper Shipping Name (IATA) : Aerosols, flammable
Proper Shipping Name (ADN) : AEROSOLS
Proper Shipping Name (RID) : AEROSOLS

Transport document description (ADR) (ADR) : UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS

Transport document description (IMDG) : UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

Transport document description (IATA) : UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS
Transport document description (ADN) : UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS
Transport document description (RID) : UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.1
Danger labels (ADR) : 2.1



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IMDG

Transport hazard class(es) (IMDG) : 2.1 2.1

Danger labels (IMDG)



IATA

Transport hazard class(es) (IATA) : 2.1 Danger labels (IATA) : 2.1



ADN

Transport hazard class(es) (ADN) : 2.1 Danger labels (ADN)



RID

Transport hazard class(es) (RID) : 2.1 Danger labels (RID) 2.1



14.4. Packing group

Packing group (ADR) : Not applicable Packing group (IMDG) : Not applicable Packing group (IATA) : Not applicable Packing group (ADN) : Not applicable Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : Yes Marine pollutant Yes EmS-No. (Fire) F-D EmS-No. (Spillage) : S-U

: No supplementary information available Other information

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) : MP9 Transport category (ADR) : 2 Special provisions for carriage - Packages (ADR) : V14

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Special provisions for carriage - Loading, unloading : CV9, CV12

and handling (ADR)

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

Transport by sea

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

Limited quantities (IMDG): SP277Excepted quantities (IMDG): E0Packing instructions (IMDG): P207, LP02Special packing provisions (IMDG): PP87, L2

Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69
MFAG-No : 126

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, A802

ERG code (IATA) : 10L

Inland waterway transport

Classification code (ADN) : 5F

Special provisions (ADN) : 190, 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

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SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Regulation (EU) 2021/821 for the control of dual-use items

Contains no substance subject to the Regulation (EU) 2021/821 for the control of dual-use items

VOC Directive (2004/42)

VOC content : 550.7 g/l

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

France

| Occupational diseases | |
|-----------------------|---|
| Code | Description |
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

Germany

VOC ordinance (ChemVOCFarbV) : VOC content : 550.7 g/l

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed SZW-lijst van mutagene stoffen : None of the components are listed SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed SZW-lijst van reprotoxische stoffen – : None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen - Ontwikkeling : None of the components are listed

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Denmark

MAL code : 5-3 (Executive Order No. 301 from 1993)

Class for fire hazard : Class I-1 Store unit : 1 liter

Classification remarks : F+ <Aerosol 1; Flam. Liq. Not classified>; Emergency management guidelines for the

storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Norway

Declaration number : 629235

Poland

Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended).

Act of 14 December 2012 on Waste (J. o L. 2013, item 322 as amended).

The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).

Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).

Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2019, item 382).

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. of 3 July 2018, item 1286 as amended).

The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166).

Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).

ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

| Indication of changes | | |
|-----------------------|--|----------|
| Section | Changed item | Comments |
| | Revision date | Modified |
| | Supersedes | Modified |
| 1.1 | UFI on SDS 1.1 | Modified |
| 2.1 | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified |
| 2.2 | Precautionary statements (CLP) | Modified |
| 3 | Composition/information on ingredients | Modified |

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| Abbreviations and acronyms: | |
|-----------------------------|--|
| | ACGIH: American Conference of Governmental Industrial Hygienists |
| | TWA: Time Weighted Average |
| | TLV: Threshold Limit Value |
| | ASTM: American Society for Testing and Materials |
| | ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route |
| | RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail |
| | ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin |
| | IMDG: International Maritime Dangerous Goods |
| | ICAO: International Civil Aviation Organization |
| | IATA: International Air Transport Association |
| | STEL: Short Term Exposure Limit |
| | LD50: median Lethal Dose for 50% of subjects |
| | ATE: acute toxicity estimate |
| | LC50: median Lethal Concentration for 50% of subjects |
| | EC50: concentration producing 50% effect |

Other information

: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Flam. Gas 1A | Flammable gases, Category 1A |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Press. Gas (Comp.) | Gases under pressure : Compressed gas |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly 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. |
| H315 | Causes skin irritation. |
| H336 | May cause drowsiness or dizziness. |

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| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| H411 | Toxic to aquatic life with long lasting effects. |

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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.