

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

1.1. Product identifier

| | |
|---------------|-----------------------------|
| Product form | : Mixture |
| Trade name | : Sanding guide black 400ml |
| UFI | : WRC7-AHAM-5P9M-XWR4 |
| Product code | : TSP 310 |
| Product group | : Blend |

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

1.2.1. Relevant identified uses

Use of the substance/mixture : PAINT

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Importer

Paint Smart Group NZ
10 Barberry Street
Judea
Tauranga
New Zealand
www.paintsmart.co.nz

Supplier

Chemical Europe NV
Baarbeek, 2
2070 Zwijndrecht
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89
info@chemicar.eu

1.4. Emergency telephone number

Emergency number : Poisons Information Centre New Zealand
0800 764 766

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 |
| Serious eye damage/eye irritation, Category 2 | H319 |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 3 | H412 |
| Full text of H- and EUH-statements: see section 16 | |

HSR002517 – Flammable, toxic

Adverse physicochemical, human health and environmental effects

No additional information available

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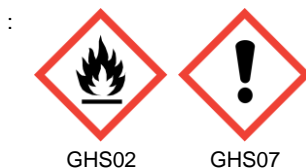
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2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: acetone; propan-2-one; propanone; butanone; ethyl methyl ketone; ethyl acetate; 2-methoxy-1-methylethyl acetate

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P260 - Do not breathe mist, vapours, spray.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, eye protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER, doctor if you feel unwell.
P403 - Store in a well-ventilated place.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 122 °F, 50 °C.

EUH-statements

: EUH066 - Repeated exposure may cause skin dryness or cracking.

Nordic countries regulation

Denmark

MAL code

: 4-6

2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

Contains no PBT and/or vPvB substances $\geq 0.1\%$ 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 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 %

Component

| | |
|--|--|
| butanone; ethyl methyl ketone(78-93-3) | |
|--|--|

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|----------|--|
| acetone; propan-2-one; propanone | CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 | 50 – 75 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| 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 |
| propane | CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 | 10 – 25 | Flam. Gas 1A, H220 Press. Gas |
| butanone; ethyl methyl ketone | CAS-No.: 78-93-3 EC-No.: 201-159-0 EC Index-No.: 606-002-00-3 | 2.5 – 10 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| ethyl acetate | CAS-No.: 141-78-6 EC-No.: 205-500-4 EC Index-No.: 607-022-00-5 | 2.5 – 10 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| xylene | CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9 | 2.5 – 10 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 |
| ethylbenzene | CAS-No.: 100-41-4 EC-No.: 202-849-4 EC Index-No.: 601-023-00-4 | 1 – 2.5 | Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304 |
| isobutane (containing ≥ 0,1% butadiene (203-450-8)) | CAS-No.: 75-28-5 EC-No.: 200-857-2 EC Index-No.: 601-004-01-8 | 1 – 2.5 | Flam. Gas 1A, H220 Press. Gas Carc. 1A, H350 Muta. 1B, H340 |
| 2-methoxy-1-methylethyl acetate | CAS-No.: 108-65-6 EC-No.: 203-603-9 EC Index-No.: 607-195-00-7 | 1 – 2.5 | Flam. Liq. 3, H226 |
| trizinc bis(orthophosphate) | CAS-No.: 7779-90-0 EC-No.: 231-944-3 EC Index-No.: 030-011-00-6 | 0.25 – 1 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| cobalt bis(2-ethylhexanoate) | CAS-No.: 136-52-7 EC Index-No.: 205-250-6 | < 0.1 | Eye Irrit. 2, H319 Skin Sens. 1A, H317 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |
| calcium bis(2-ethylhexanoate) | CAS-No.: 136-51-6 | ≤ 0.1 | Acute Tox. 4 (Dermal), H312 Repr. 1B, H360D |

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. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact : No irritant effect.

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| | |
|--------------------------------------|---|
| First-aid measures after eye contact | : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an ophthalmologist if irritation persists. |
| First-aid measures after ingestion | : Do NOT induce vomiting. Get immediate medical advice/attention. |

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

No additional information available

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. extinguishing powder. Carbon dioxide (CO2). Alcohol resistant foam. |
| 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

| | |
|-------------------|-----------------------------------|
| Other information | : Suitable respiratory equipment. |
|-------------------|-----------------------------------|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|---|
| Emergency procedures | : Only qualified personnel equipped with suitable protective equipment may intervene. Keep public away. |
|----------------------|---|

6.1.2. For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Use personal protective equipment as required. |
|----------------------|--|

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

| | |
|-------------------|--|
| Other information | : Provide adequate ventilation. Do not flush with water. |
|-------------------|--|

6.4. Reference to other sections

SECTION 7. SECTION 8. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Handle and open container with care. Do not spray on an open flame or other ignition source. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Do not pierce or burn, even after use. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. |
| Hygiene measures | : Do not eat, drink or smoke when using this product. Remove contaminated clothes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |

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7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|---|
| Technical measures | : Keep in a cool, well-ventilated place away from heat. |
| Storage conditions | : Store in a dry place. Store in a closed container. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| Storage area | : Store away from heat. Store in a well-ventilated place. Keep containers closed. |
| Special rules on packaging | : Store in a closed container. |

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| acetone; propan-2-one; propanone (67-64-1) | |
|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | Acetone |
| IOEL TWA | 1210 mg/m ³ |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| Belgium - Occupational Exposure Limits | |
| Local name | Acétone # Aceton |
| OEL TWA | 594 mg/m ³ |
| OEL TWA [ppm] | 246 ppm |
| OEL STEL | 1187 mg/m ³ |
| OEL STEL [ppm] | 492 ppm |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 |
| xylene (1330-20-7) | |
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | Xylene, mixed isomers, pure |
| IOEL TWA | 221 mg/m ³ |
| IOEL STEL | 442 mg/m ³ |
| IOEL STEL [ppm] | 100 ppm |
| Remark | Skin |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| Belgium - Occupational Exposure Limits | |
| Local name | Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver |
| OEL TWA | 221 mg/m ³ |
| OEL TWA [ppm] | 50 ppm |
| OEL STEL | 442 mg/m ³ |
| OEL STEL [ppm] | 100 ppm |

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xylene (1330-20-7)

| | |
|----------------------|--|
| Remark | D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht. |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

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

Appropriate engineering controls:

Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Avoid contact with skin and eyes. Avoid contact with eyes. Do not breathe gas.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

| Eye protection | | | |
|----------------|----------------------|-----------------|----------|
| Type | Field of application | Characteristics | Standard |
| | | | EN 166 |

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

| Skin and body protection | |
|--------------------------|----------|
| Type | Standard |
| | EN 13034 |

Hand protection:

Nitrile rubber gloves

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| Hand protection | | | | | |
|-----------------|----------|--------------------------------------|----------------|-------------|------------|
| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
| | | 5 (> 240 minutes), 6 (> 480 minutes) | 0.5 | | EN ISO 374 |

| Other skin protection Materials for protective clothing | | |
|--|----------|----------|
| Condition | Material | Standard |
| | | EN 13034 |

8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

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

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Gas |
| Colour | : Black. |
| Odour | : characteristic. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not applicable |
| Boiling point | : -44.5 °C |
| Flammability | : Not self-igniting |
| Explosive limits | : Not available |
| Lower explosion limit | : 1.1 vol % |
| Upper explosion limit | : 13 vol % |
| Flash point | : -97 °C |
| Auto-ignition temperature | : 365 |
| Decomposition temperature | : Not available |
| pH | : Not applicable |
| Viscosity, kinematic | : Not applicable |
| Solubility | : Moderately soluble in water. Organic solvent:96.2% |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : 8300 hPa |
| Vapour pressure at 50°C | : Not available |
| Density | : 0.734 g/cm ³ |
| Relative density | : Not applicable |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 96.2 % VOC-EU: 706,1 g/l
Additional information : Extremely flammable aerosol. Pressurized container

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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 |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| 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. |

acetone; propan-2-one; propanone (67-64-1)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

butanone; ethyl methyl ketone (78-93-3)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

ethyl acetate (141-78-6)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : Not classified

ethylbenzene (100-41-4)

| | |
|------------------------|---|
| STOT-repeated exposure | May cause damage to organs (hearing organs) through prolonged or repeated exposure. |
|------------------------|---|

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Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

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| | |
|-------------------------------|----------------------------|
| Persistence and degradability | Not readily biodegradable. |
|-------------------------------|----------------------------|

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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PBT: not relevant – no registration required

vPvB: not relevant – no registration required

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : Refer to section 11.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Regional waste regulation | : Do not dispose of with domestic waste. Prevent entry to sewers and public waters. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations. |

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HP Code

: HP3 - "Flammable:"
– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR | IMDG | IATA |
|---|---|---|
| 14.1. UN number or ID number | | |
| UN 1950 | UN 1950 | UN 1950 |
| 14.2. UN proper shipping name | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable |
| Transport document description | | |
| UN 1950 AEROSOLS (), 2.1, (D) | UN 1950 AEROSOLS, 2.1 | UN 1950 Aerosols, flammable, 2.1 |
| 14.3. Transport hazard class(es) | | |
| 2.1 | 2.1 | 2.1 |
|  |  |  |
| 14.4. Packing group | | |
| Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | |
| Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No | Dangerous for the environment: No |
| No supplementary information available | | |

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207
Special packing provisions (ADR) : PP87, RR6, L2

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| | |
|---|-------------|
| Mixed packing provisions (ADR) | : MP9 |
| Transport category (ADR) | : 2 |
| Special provisions for carriage - Packages (ADR) | : V14 |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12 |
| 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) | : 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 |
| Stowage and handling (IMDG) | : SW1, SW22 |
| Segregation (IMDG) | : SG69 |

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 |

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

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 (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 96.2 % VOC-EU: 706,1 g/l

Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

| Name | CAS-No. | Combined Nomenclature code (CN) | Combined Nomenclature code for mixture without constituents which would determine classification under another CN code |
|---------|---------|---------------------------------|--|
| Acetone | 67-64-1 | 2914 11 00 | ex 3824 99 92 |

Please see https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives_en

Drug Precursors Regulation (273/2004)

Contains 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)

| Name | CN designation | CAS-No. | CN code | Category | Threshold | Annex |
|-------------------|----------------|---------|------------|------------|-----------|---------|
| Acetone | | 67-64-1 | 2914 11 00 | Category 3 | | Annex I |
| Methylethylketone | Butanone | 78-93-3 | 2914 12 00 | Category 3 | | Annex I |

15.1.2. National regulations

France

| Occupational diseases | |
|-----------------------|---|
| Code | Description |
| RG 4 BIS | Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them |
| 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

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

Waterbezwaarlijkheid : 1 - Black list substance
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 – Vruchtbaarheid : None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : xylene is listed

Denmark

Class for fire hazard : Class I-1
Store unit : 1 liter
Classification remarks : F+ <Aerosol 1>; 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
Pregnant/breastfeeding women working with the product must not be in direct contact with the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

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

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 16: Other information

Abbreviations and acronyms:

| | |
|------|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG | International Maritime Dangerous Goods |
| IATA | International Air Transport Association |
| DNEL | Derived-No Effect Level |
| PNEC | Predicted No-Effect Concentration |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| PBT | Persistent Bioaccumulative Toxic |

Full text of H- and EUH-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 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Carc. 1A | Carcinogenicity, Category 1A |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| 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 |
| 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. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H340 | May cause genetic defects. |
| H350 | May cause cancer. |
| H360D | May damage the unborn child. |
| H361 | Suspected of damaging fertility or the unborn child. |

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| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| 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. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Muta. 1B | Germ cell mutagenicity, Category 1B |
| Press. Gas | Gases under pressure |
| Repr. 1B | Reproductive toxicity, Category 1B |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1A | Skin sensitisation, category 1A |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

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.