

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Taski Tapi Gum C4q

Revision: 2024-08-08 Version: 03.3

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

1.1 Product identifier

Trade name: Taski Tapi Gum C4q

UFI: 5E35-M01F-P00Y-47KT

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

Product use: Carpet / Upholstery cleaner.

For professional use only.
Uses other than those identified are not recommended. Uses advised against:

 \mbox{SWED} - Sector-specific worker exposure description : $\mbox{AISE_SWED_PW_11_1}$ $\mbox{AISE_SWED_PW_19_1}$

1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssenbroeksedijk 2, 3542DN Utrecht], The Netherlands

Contact details

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: customerservice.uk@solenis.com

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

For medical or environmental emergency only:

call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Aerosols, Category 1 (H222)

2.2 Label elements



Signal word: Danger.

Hazard statements:

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

Precautionary statements:

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.

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

2.3 Other hazards

No other hazards known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Ingredient(s) | EC number | CAS number | REACH | Classification | Notes | Weight |
|---------------|-----------|------------|--------|---|-------|---------|
| | | | number | | | percent |
| butane | 203-448-7 | 106-97-8 | | Flammable gases, Category 1 (H220) Compressed gas (H280) | | 50-75 |
| propane | 200-827-9 | 74-98-6 | | Flammable gases, Category 1 (H220) Compressed gas (H280) | | 20-30 |
| isobutane | 200-857-2 | 75-28-5 | | Flammable gases, Category 1 (H220) Compressed gas (H280) | | 1-3 |

Workplace exposure limit(s), if available, are listed in subsection 8.1.

ATE, if available, are listed in section 11.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16...

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Get medical attention or advice if you feel unwell.

Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice

or attention.

Eye contact: Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical

attention.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious

person. Get medical attention or advice if you feel unwell.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:No known effects or symptoms in normal use.Skin contact:Direct contact can damage skin by freezing.Eye contact:Direct contact can damage the eye by freezing.Ingestion:No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

Cool endangered packaging with water spray jet.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Absorb liquid components with liquid-binding material.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50° C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Use non-sparking tools.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Diversey. Wash hands before breaks and at the end of workday. Do not breathe spray. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep away from heat and direct sunlight. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

Comah - Lower Tier requirements (tonnes): 150 Comah - Upper Tier requirements (tonnes): 500

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Workplace exposure limits

Air limit values, if available:

| Ingredient(s) | UK - Long term value(s) | UK - Short term value(s) |
|---------------|-------------------------|--------------------------|
| butane | 600 ppm | 750 ppm |
| | 1450 mg/m ³ | 1810 mg/m ³ |

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values

Human exposure

DNEL/DMEL oral exposure - Consumer (mg/kg bw)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|---------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| butane | No data available | No data available | No data available | No data available |
| propane | No data available | No data available | No data available | No data available |
| isobutane | No data available | No data available | No data available | No data available |

DNEL/DMEL dermal exposure - Worker

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|---------------|----------------------------|--|---------------------------|---|
| butane | No data available | No data available | No data available | No data available |
| propane | No data available | No data available | No data available | No data available |
| isobutane | No data available | No data available | No data available | No data available |

DNFI /DMFI dermal exposure - Consumer

| DIVEL/DIVILE definal exposure - Consumer | | | | |
|--|--------------------|-----------------------|-------------------|----------------------|
| Ingredient(s) | Short term - Local | Short term - Systemic | Long term - Local | Long term - Systemic |
| | effects | effects (mg/kg bw) | effects | effects (mg/kg bw) |
| butane | No data available | No data available | No data available | No data available |
| propane | No data available | No data available | No data available | No data available |
| isobutane | No data available | No data available | No data available | No data available |

DNEL/DMEL inhalatory exposure - Worker (mg/m3)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|---------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| butane | No data available | No data available | No data available | No data available |
| propane | No data available | No data available | No data available | No data available |
| isobutane | No data available | No data available | No data available | No data available |

| DNEL/DMEL innalatory exposure - Consumer (mg/m³) | | | | |
|--|--------------------|-----------------------|-------------------|----------------------|
| Ingredient(s) | Short term - Local | Short term - Systemic | Long term - Local | Long term - Systemic |
| | effects | effects | effects | effects |
| butane | No data available | No data available | No data available | No data available |
| propane | No data available | No data available | No data available | No data available |
| isobutane | No data available | No data available | No data available | No data available |

Environmental exposure

Environmental exposure - PNEC

| Ingredient(s) | Surface water, fresh (mg/l) | Surface water, marine (mg/l) | Intermittent (mg/l) | Sewage treatment plant (mg/l) |
|---------------|-----------------------------|------------------------------|---------------------|-------------------------------|
| | (IIIg/I) | (1119/1) | | piant (mg/i) |
| butane | No data available | No data available | No data available | No data available |
| propane | No data available | No data available | No data available | No data available |
| isobutane | No data available | No data available | No data available | No data available |

Environmental exposure - PNEC, continued

| Ingredient(s) | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg) | Air (mg/m³) |
|---------------|------------------------------|-----------------------------|-------------------|-------------------|
| butane | No data available | No data available | No data available | No data available |
| propane | No data available | No data available | No data available | No data available |
| isobutane | No data available | No data available | No data available | No data available |

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls: Provide a good standard of general ventilation.

Appropriate organisational controls: Users are advised to consider national Occupational Exposure Limits or other equivalent values, if

available.

REACH use scenarios considered for the undiluted product:

| | SWED - Sector-specific worker exposure description | LCS | PROC | Duration (min) | ERC |
|--------------------|--|-----|---------|-------------------|-------|
| Spray application | AISE_SWED_PW_11_1 | PW | PROC 11 | 60 | ERC8a |
| Manual application | AISE_SWED_PW_19_1 | PW | PROC 19 | 480 | ERC8a |

Personal protective equipment

Eye / face protection:No special requirements under normal use conditions.Hand protection:No special requirements under normal use conditions.Body protection:No special requirements under normal use conditions.

Respiratory protection: Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or

aerosols should be avoided. Trigger spray bottle application: No special requirements under normal use conditions. Apply technical measures to comply with the occupational exposure limits, if

vailable.

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

Physical state: Aerosol Colour: Colourless Odour: Product specific

Odour threshold: Not applicable

Melting point/freezing point (°C): Not determined Initial boiling point and boiling range (°C): Not determined

Not relevant to classification of this product Not applicable as product is an aerosol

Substance data, boiling point

| Ingredient(s) | Value (°C) | Method | Atmospheric pressure (hPa) |
|---------------|-------------------|--------|----------------------------|
| butane | No data available | | |
| propane | No data available | | |
| isobutane | No data available | | |

Method / remark

Flammability (solid, gas): Not determined

Flammability (liquid): Not applicable. Not flammable.
Flash point (°C): Not applicable as product is an aerosol

Sustained combustion: Not applicable.

(UN Manual of Tests and Criteria, section 32, L.2)

Lower and upper explosion limit/flammability limit (%): Not determined

Substance data, flammability or explosive limits, if available:

Method / remark

Not relevant to classification of this product

Autoignition temperature: Not determined Decomposition temperature: Not applicable.

pH: No information available.

Kinematic viscosity: Not determined

Solubility in / Miscibility with water: Not miscible or difficult to mix

Not relevant to classification of this product

Substance data, solubility in water

| Ingredient(s) | Value | Method | Temperature |
|---------------|-------------------|--------|-------------|
| | (g/l) | | (°C) |
| butane | No data available | | |
| propane | No data available | | |
| isobutane | No data available | | |

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

Vapour pressure: Not determined See substance data

Substance data, vapour pressure

| Ingredient(s) | Value (Pa) | Method | Temperature (°C) |
|---------------|-------------------|--------|---------------------|
| butane | No data available | | |
| propane | No data available | | |
| isobutane | No data available | | |

Method / remark

Relative density: ≈ 0.55 (20 °C) OECD 109 (EU A.3)

Relative vapour density: No data available. Not relevant to classification of this product

Particle characteristics: No data available. Not applicable to liquids.

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Explosive properties: Vapours may form explosive mixtures with air. Not explosive. Not explosive, based on substance properties

Oxidising properties: Not oxidising.

Corrosion to metals: Not corrosive Weight of evidence

9.2.2 Other safety characteristics

No other relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

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

Mixture data: .

Relevant calculated ATE(s): ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

Acute toxicity Acute oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) | ATE Oral (mg/kg) |
|---------------|----------|----------------------|---------|--------|-------------------|---------------------|
| butane | | No data available | | | | Not established |
| propane | | No data available | | | | Not established |
| isobutane | | No data available | | | | Not established |

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) | ATE Dermal (mg/kg) |
|---------------|----------|------------------|---------|--------|-------------------|-----------------------|
| butane | | No data | | | | Not established |
| | | available | | | | |
| propane | | No data | | | | Not established |
| | | available | | | | |
| isobutane | | No data | | | | Not established |
| | | available | | | | |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---------------|----------|----------------------|---------|--------|-------------------|
| butane | | No data available | | | |
| propane | | No data available | | | |
| isobutane | | No data available | | | |

Acute inhalative toxicity, continued

| Acute initialative toxicity, continued | | | | |
|--|------------------------|------------------------|-------------------|-----------------------|
| Ingredient(s) | ATE - inhalation, dust | ATE - inhalation, mist | ATE - inhalation, | ATE - inhalation, gas |
| | (mg/l) | (mg/l) | vapour (mg/l) | (mg/l) |
| butane | Not established | Not established | Not established | Not established |
| propane | Not established | Not established | Not established | Not established |
| isobutane | Not established | Not established | Not established | Not established |

Irritation and corrosivity Skin irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|---------------|-------------------|---------|--------|---------------|
| butane | No data available | | | |
| propane | No data available | | | |
| isobutane | No data available | | | |

Eve irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|---------------|-------------------|---------|--------|---------------|
| butane | No data available | | | |
| propane | No data available | | | |
| isobutane | No data available | | | |

Respiratory tract irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|---------------|-------------------|---------|--------|---------------|
| butane | No data available | | | |
| propane | No data available | | | |
| isobutane | No data available | | | |

Sensitisation

| Ingredient(s) | Result | Species | Method | Exposure time (h) |
|---------------|-------------------|---------|--------|-------------------|
| butane | No data available | _ | | |
| propane | No data available | | | |
| isobutane | No data available | | | |

Sensitisation by inhalation

| Ingredient(s) | Result | Species | Method | Exposure time |
|---------------|-------------------|---------|--------|---------------|
| butane | No data available | | | |
| propane | No data available | | | |
| isobutane | No data available | | | |

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Mutagenicity

| Ingredient(s) | Result (in-vitro) | Method (in-vitro) | Result (in-vivo) | Method (in-vivo) |
|---------------|-------------------|----------------------|-------------------|---------------------|
| butane | No data available | | No data available | |
| propane | No data available | | No data available | |
| isobutane | No data available | | No data available | |

Carcinogenicity

| Carcinogenicity | |
|-----------------|-------------------|
| Ingredient(s) | Effect |
| butane | No data available |
| propane | No data available |
| isobutane | No data available |

Toxicity for reproduction

| Ingredient(s) | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|---------------|----------|-----------------|-----------------------|---------|--------|---------------|------------------------------------|
| butane | | | No data | | | | |
| | | | available | | | | |
| propane | | | No data | | | | |
| | | | available | | | | |
| isobutane | | | No data | | | | |
| | | | available | | | | |

Repeated dose toxicity
Sub-acute or sub-chronic oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| butane | | No data | | | | |
| | | available | | | | |
| propane | | No data | | | | |
| | | available | | | | |
| isobutane | | No data | | | | |
| | | available | | | | |

Sub-chronic dermal toxicity

| Ingredient(s) | Endpoint | Value | Species | Method | | Specific effects and organs |
|---------------|----------|--------------|---------|--------|-------------|-----------------------------|
| | | (mg/kg bw/d) | | | time (days) | affected |
| butane | | No data | | | | |
| | | available | | | | |
| propane | | No data | | | | |
| | | available | | | | |
| isobutane | | No data | | | | |
| | | available | | | | |

Sub-chronic inhalation toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| butane | | No data available | | | | |
| propane | | No data available | | | | |
| isobutane | | No data available | | | | |

Chronic toxicity

| Ingredient(s) | Exposure | Endpoint | Value | Species | Method | Exposure | Specific effects and | Remark |
|---------------|----------|----------|--------------|---------|--------|----------|----------------------|--------|
| | route | | (mg/kg bw/d) | | | time | organs affected | |
| butane | | | No data | | | | | |
| | | | available | | | | | |
| propane | | | No data | | | | | |
| | | | available | | | | | |
| isobutane | | | No data | | | | _ | |
| | | | available | | | | | |

STOT-single exposure

| Ingredient(s) | Affected organ(s) |
|---------------|-------------------|
|---------------|-------------------|

| butane | No data available |
|-----------|-------------------|
| propane | No data available |
| isobutane | No data available |

STOT-repeated exposure

| Ingredient(s) | Affected organ(s) |
|---------------|-------------------|
| butane | No data available |
| propane | No data available |
| isobutane | No data available |

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Endocrine disrupting properties - Human data, if available:

11.2.2 Other information

No other relevant information available.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity Aquatic short-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---------------|----------|-----------------|---------|--------|-------------------|
| butane | | No data | | | |
| | | available | | | |
| propane | | No data | | | |
| | | available | | | |
| isobutane | | No data | | | |
| | | available | | | |

Aquatic short-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---------------|----------|----------------------|---------|--------|-------------------|
| butane | | No data available | | | |
| propane | | No data available | | | |
| isobutane | | No data available | | | |

Aquatic short-term toxicity - algae

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|---------------|----------|-----------------|---------|--------|-------------------|
| butane | | No data | | | |
| | | available | | | |
| propane | | No data | | | |
| | | available | | | |
| isobutane | | No data | | | |
| | | available | | | |

Aquatic short-term toxicity - marine species

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (days) |
|---------------|----------|----------------------|---------|--------|----------------------|
| butane | | No data available | | | |
| propane | | No data available | | | |
| isobutane | | No data available | | | |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s) | Endpoint | Value (mg/l) | Inoculum | Method | Exposure time |
|---------------|----------|-----------------|----------|--------|---------------|
| butane | | No data | | | |
| | | available | | | |
| propane | | No data | | | |
| | | available | | | |
| isobutane | | No data | | | |
| | | available | | | |

Aquatic long-term toxicity Aquatic long-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|---------------|----------|-----------------|---------|--------|---------------|------------------|
| butane | | No data | | | | |
| | | available | | | | |
| propane | | No data | | | | |
| | | available | | | | |
| isobutane | | No data | | | | |
| | | available | | | | |

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|---------------|----------|----------------------|---------|--------|---------------|------------------|
| butane | | No data available | | | | |
| propane | | No data available | | | | |
| isobutane | | No data available | | | | |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw sediment) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|---------------------------------|---------|--------|----------------------|------------------|
| butane | | No data available | | | | |
| propane | | No data available | | | | |
| isobutane | | No data available | | | | |

Terrestrial toxicityTerrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation
Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

| Ingredient(s) | Inoculum | Analytical method | DT 50 | Method | Evaluation |
|---------------|----------|-------------------|-------|--------|-----------------------|
| butane | | | | | Readily biodegradable |
| propane | | | | | Readily biodegradable |
| isobutane | | | | | Readily biodegradable |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

| Ingredient(s) | Value | Method | Evaluation | Remark |
|---------------|-------------------|--------|------------|--------|
| butane | No data available | | | |
| propane | No data available | | | |
| isobutane | No data available | | | |

Bioconcentration factor (BCF)

| Ingredient(s) | Value | Species | Method | Evaluation | Remark |
|---------------|-------------------|---------|--------|------------|--------|
| butane | No data available | | | | |
| propane | No data available | | | | |
| isobutane | No data available | | | | |

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

| Ingredient(s) | Adsorption coefficient Log Koc | Desorption coefficient Log Koc(des) | Method | Soil/sediment type | Evaluation |
|---------------|--------------------------------------|---|--------|-----------------------|------------|
| butane | No data available | | | | |
| propane | No data available | | | | |
| isobutane | No data available | | | | |

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Endocrine disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

12.7 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused

products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

European Waste Catalogue: 16

16 05 04* - gases in pressure containers (including halons) containing dangerous substances.

Empty packaging

Recommendation:

Dispose of observing national or local regulations.

SECTION 14: Transport information



Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number: 1950

14.2 UN proper shipping name:

Aerosols

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 2.1

14.4 Packing group: -

14.5 Environmental hazards:

Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user: None known.

14.7 Maritime transport in bulk according to IMO instruments: The product is not transported in bulk tankers.

Other relevant information:

ADR

Classification code: 5F Tunnel restriction code: (D) Hazard identification number: -

IMO/IMDG

EmS: F-D, S-U

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

SECTION 15: Regulatory information

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

National regulations:

- Regulation (EC) 1907/2006 REACH (UK amended)
 Regulation (EC) 1272/2008 CLP (UK amended)
 Regulation (EC) 648/2004 Detergents regulation (UK amended)
- Aerosol Dispensers Regulations 2009
- Delegated Regulation (EU) 2017/2100 and Regulation (EU) 2018/605 (UK amended)
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Ingredients according to Detergents Regulation

aliphatic hydrocarbons >= 30 %

Comah - classification: P3a - FLAMMABLE AEROSOLS

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MSDS4747 Version: 03.3 Revision: 2024-08-08

Reason for revision:

This data sheet contains changes from the previous version in section(s):, 1, 8, 16, Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006

Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Abbreviations and acronyms:

- · AISE The international Association for Soaps, Detergents and Maintenance Products
- ATE Acute Toxicity Estimate
- DNEL Derived No Effect Limit
 EC50 effective concentration, 50%
- ERC Environmental release categories
- EUH CLP Specific hazard statement
- LC50 Lethal Concentration, 50% / Median Lethal Concentration
- LCS Life cycle stage LD50 Lethal Dose, 50% / Median Lethal dose
- · NOAEL No observed adverse effect level
- NOEL No observed effect level
- OECD Organisation for Economic Cooperation and Development
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- PROC Process categories
- REACH number REACH registration number, without supplier specific part
- vPvB very Persistent and very Bioaccumulative
- H220 Extremely flammable gas.
- H280 Contains gas under pressure; may explode if heated.

End of Safety Data Sheet