

SAFETY DATA SHEET

001124100 EXCELLENT POLISH SILICONENVRIJ

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name 001124100 EXCELLENT POLISH SILICONENVRIJ
Product number 001843008500

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

Identified uses Polish.
Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier James Briggs Ltd.
 Salmon Fields
 Royton
 Oldham
 Lancashire
 OL2 6HZ
 0161 627 0101
 sds@jamesbriggs.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 161 620 5400

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Aerosol 1 - H222, H229
Health hazards Skin Irrit. 2 - H315 STOT SE 3 - H336
Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements 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.

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| | |
|---|---|
| Precautionary statements | <p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p> |
| Contains | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |
| Supplementary precautionary statements | <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> |

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|--|---------------------|
| Petroleum gases, liquefied CAS number: 68476-85-7 EC number: 270-704-2 | 30- < 60% |
| Classification Flam. Gas 1A - H220 Press. Gas (Liq.) - H280 | |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane CAS number: — EC number: 921-024-6 | 10 - <30% |
| Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411 | |
| White mineral oil (petroleum) CAS number: 8042-47-5 EC number: 232-455-8 | 10 - <30% |
| Classification Asp. Tox. 1 - H304 | |

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| | |
|--------------------------|----------------------|
| Propan-2-ol | 1 - <5% |
| CAS number: 67-63-0 | EC number: 200-661-7 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Eye Irrit. 2 - H319 | |
| STOT SE 3 - H336 | |
| n-hexane | <1% |
| CAS number: 110-54-3 | EC number: 203-777-6 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Skin Irrit. 2 - H315 | |
| Repr. 2 - H361f | |
| STOT SE 3 - H336 | |
| STOT RE 2 - H373 | |
| Asp. Tox. 1 - H304 | |
| Aquatic Chronic 2 - H411 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

| | |
|-----------------------------------|---|
| General information | If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel. |
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist. Place unconscious person on their side in the recovery position and ensure breathing can take place. |
| Ingestion | Rinse mouth thoroughly with water. If in doubt, get medical attention promptly. Due to the small packaging, the risk of ingestion is minimal. Do not induce vomiting unless under the direction of medical personnel. |
| Skin contact | Remove contamination with soap and water or recognised skin cleansing agent. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues. |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. |

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

| | |
|----------------------------|---|
| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | Spray/mists may cause respiratory tract irritation. |
| Ingestion | Due to the physical nature of this product, it is unlikely that ingestion will occur. |
| Skin contact | Repeated exposure may cause skin dryness or cracking. |
| Eye contact | Vapour or spray in the eyes may cause irritation and smarting. Particles in the eyes may cause irritation and smarting. |

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

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Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Vapours may form explosive mixtures with air.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Take precautionary measures against static discharges.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Provide adequate ventilation. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

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Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. The product is flammable. Avoid exposing aerosol containers to high temperatures or direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Do not expose to temperatures exceeding 50°C/122°F. Avoid inhalation of vapours and spray/mists. Avoid contact with eyes.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash after use and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Keep away from oxidising materials, heat and flames. Store in a cool and well-ventilated place. Protect from sunlight. Keep containers upright. Protect containers from damage. Do not expose to temperatures exceeding 50°C/122°F. Do not store near heat sources or expose to high temperatures. Store in accordance with national regulations.

Storage class Chemical storage. Aerosol containers and lighters

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Petroleum gases, liquefied

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

Propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

n-hexane

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m³

WEL = Workplace Exposure Limit.

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

DNEL

Workers - Inhalation; Long term systemic effects: 2035 mg/m³

Workers - Dermal; Long term systemic effects: 773 mg/kg/day

General population - Inhalation; Long term systemic effects: 608 mg/m³

General population - Dermal; Long term systemic effects: 699 mg/kg/day

General population - Oral; Long term systemic effects: 699 mg/kg/day

001124100 EXCELLENT POLISH SILICONENVRIJ**Propan-2-ol (CAS: 67-63-0)**

| | |
|-------------|--|
| DNEL | Workers - Inhalation; Long term systemic effects: 500 mg/m ³ Workers - Dermal; Long term systemic effects: 888 mg/kg/day General population - Inhalation; Long term systemic effects: 89 mg/m ³ General population - Dermal; Long term systemic effects: 319 mg/kg/day General population - Oral; Long term systemic effects: 26 mg/kg/day |
| PNEC | - Fresh water; 140.9 mg/l - marine water; 140.9 mg/l - STP; 2251 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - Soil; 28 mg/kg - Oral; 160 mg/kg |

Geraniol (CAS: 106-24-1)

| | |
|-------------|---|
| DNEL | Workers - Inhalation; Long term systemic effects: 161.6 mg/m ³ Workers - Dermal; Long term systemic effects: 12.5 mg/kg/day Workers - Dermal; Long term local effects: 11.8 mg/cm ² General population - Inhalation; Long term systemic effects: 47.8 mg/m ³ General population - Dermal; Long term systemic effects: 7.5 mg/kg/day General population - Dermal; Long term local effects: 11.8 mg/cm ² General population - Oral; Long term systemic effects: 13.75 mg/kg/day |
| PNEC | - Fresh water; 0.011 mg/l - marine water; 0.001 mg/l - Intermittent release; 0.108 mg/l - STP; 0.7 mg/l - Sediment (Freshwater); 0.115 mg/kg - Sediment (Marinewater); 0.011 mg/kg - Soil; 0.017 mg/kg |

Citronellol (CAS: 106-22-9)

| | |
|-------------|---|
| DNEL | Workers - Inhalation; Long term systemic effects: 161.6 mg/m ³ Workers - Inhalation; Long term local effects: 10 mg/m ³ Workers - Inhalation; Short term local effects: 10 mg/m ³ Workers - Dermal; Long term systemic effects: 327.4 mg/kg/day Workers - Dermal; Short term local effects: 2.95 mg/cm ² General population - Inhalation; Long term systemic effects: 47.8 mg/m ³ General population - Inhalation; Long term local effects: 10 mg/m ³ General population - Inhalation; Short term local effects: 10 mg/m ³ General population - Dermal; Long term systemic effects: 196.4 mg/kg/day General population - Dermal; Short term local effects: 2.95 mg/cm ² General population - Oral; Long term systemic effects: 13.8 mg/kg/day |
| PNEC | - Fresh water; 0.002 mg/l - Intermittent release, Fresh water; 0.024 mg/l - marine water; 0 mg/l - STP; 580 mg/l - Sediment (Freshwater); 0.026 mg/kg - Sediment (Marinewater); 0.003 mg/kg - Soil; 0.004 mg/kg |

8.2. Exposure controls

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Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment that provides appropriate eye and face protection should be worn.

Hand protection

To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection

Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges suitable for intended use should be used. Full face mask respirators with replaceable filter cartridges suitable for intended use should be used. Half mask and quarter mask respirators with replaceable filter cartridges suitable for intended use should be used.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-----------------------|
| Appearance | Aerosol. |
| Odour | Citrus. |
| Initial boiling point and range | -40 - -2°C (LPG) |
| Flash point | -104°C (LPG) |
| Upper/lower flammability or explosive limits | 1.4 - 10.9%(V)(LPG) |
| Vapour pressure | 590 - 1760 KPa (LPG) |
| Auto-ignition temperature | 365 °C / 689 °F (LPG) |

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See the other subsections of this section for further details.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions The following materials may react strongly with the product: Oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated Avoid heat, flames and other sources of ignition. Avoid the following conditions: Freezing.

10.5. Incompatible materials

Materials to avoid No specific requirements are anticipated under normal conditions of use.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components. The blended product has not been tested. No data is available for the mixture.

Inhalation Gas or vapour may irritate the respiratory system. May cause nausea, headache, dizziness and intoxication. Vapour may irritate respiratory system/lungs.

Ingestion Due to the physical nature of this product, it is unlikely that ingestion will occur. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. May cause chemical burns in mouth, oesophagus and stomach. May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact Repeated exposure may cause skin dryness or cracking.

Eye contact May cause eye irritation. May cause serious eye damage.

Route of exposure Inhalation Ingestion Skin and/or eye contact

Toxicological information on ingredients.

Petroleum gases, liquefied

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ gases ppmV) 520,400.0

Species Mouse

Notes (inhalation LC₅₀) 2 hours

ATE inhalation (gases ppm) 520,400.0

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. Read-across data.

Genotoxicity - in vivo Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity NOAEC 10000 ppm, Inhalation, Mouse Read-across data.

Reproductive toxicity

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Reproductive toxicity - fertility Fertility - NOAEC 10000 ppm, Inhalation, Rat P

Reproductive toxicity - development Maternal toxicity:, Developmental toxicity: - NOAEC: 10426 ppm, Inhalation, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEC 10000 ppm, Inhalation, Rat

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ >5840 mg/kg, Oral, Rat Read-across data.

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2800 - 3100 mg/kg, Dermal, Rat Read-across data.

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 4 hours, Rabbit Primary dermal irritation index: 0.67 Not fully reversible in 7 days Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.2 mL, 7 days, Rabbit Read-across data. Not irritating.

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. Read-across data.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Read-across data.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOAEL 31680 mg/m³, Inhalation, Rat P Read-across data.

Reproductive toxicity - development Maternal toxicity: - NOAEC: 2000 ppm, Inhalation, Rat
Developmental toxicity: - NOAEC: >7000 ppm, Inhalation, Rat
Read-across data.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEC 14000 mg/m³, Inhalation, Rat

White mineral oil (petroleum)**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ >5 mg/l, Inhalation, Rat Aerosol. 4 hours

Skin corrosion/irritation

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Animal data Dose: 0.5 mL, 24 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 mL, , Rabbit Not irritating.

Skin sensitisation

Skin sensitisation Buehler test - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative. Read-across data.

Carcinogenicity

Carcinogenicity NOAEL \geq 1200 mg/kg/day, Oral, Rat

Reproductive toxicity

Reproductive toxicity - fertility One-generation study - NOAEL \geq 2000 mg/kg/day, Dermal, Rat P, F1

Reproductive toxicity - development

Developmental toxicity:, Maternal toxicity: - NOAEL: >5000 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL \geq 20000 ppm, Oral, Rat
NOAEL \geq 2000 mg/kg/day, Dermal, Rat

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Petrolatum**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ > 5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Animal data Dose: 0.5ml, 24 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Slight oedema - edges of area well defined by definite raising (2). Primary dermal irritation index: 4.3 Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1ml, 30 seconds, Rabbit Not irritating.

Skin sensitisation

Skin sensitisation Buehler test - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

001124100 EXCELLENT POLISH SILICONENVRIJ**Carcinogenicity**

Carcinogenicity NOAEL 5000 mg/kg/day, Oral, Rat

Reproductive toxicity

Reproductive toxicity - fertility Screening - NOAEL > 1000 mg/kg/day, Oral, Rat F1

Reproductive toxicity - development Developmental toxicity: - NOAEL: 30 mg/kg/day, Dermal, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 5000 mg/kg/day, Oral, Rat

Propan-2-ol**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 5,840.0

Species Rat

ATE oral (mg/kg) 5,840.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 13,120.0

Species Rabbit

ATE dermal (mg/kg) 13,120.0

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ >10000 ppm, Inhalation, Vapour, Rat 6 hours

Skin corrosion/irritation

Animal data Dose: *, 4 hours, Rabbit Primary dermal irritation index: 0 Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 ml, 14 days, Rabbit Moderately irritating.

Skin sensitisation

Skin sensitisation Buehler test - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity NOEL 5000 ppm, Inhalation, Rat

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEC 5000 ppm, Inhalation, Rat

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n-hexaneAcute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 16,000.0

Species Rat

ATE oral (mg/kg) 16,000.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >3350 mg/kg, Dermal, Rabbit Read-across data.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ >5000 ppm, Inhalation, Rat Vapour 24 hours

Skin corrosion/irritation

Animal data Dose: , 24 hours, Rabbit Primary dermal irritation index: 1.92 Irritating. Read-across data.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 mL, 72 hours, Rabbit Not irritating. Read-across data.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity NOAEC 3000 ppm, Inhalation, Mouse

Reproductive toxicity

Reproductive toxicity - fertility Fertility - LOAEC >5000 ppm, Inhalation, Rat P

Reproductive toxicity - development Maternal toxicity:, Developmental toxicity: - NOAEC: 200 ppm, Inhalation, Rat
Maternal toxicity:, Developmental toxicity: - LOAEC: 1000 ppm, Inhalation, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure LOAEC 3000 ppm, Inhalation, Rat

Benzyl benzoateAcute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,880.0

Species Rat

ATE oral (mg/kg) 1,880.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit

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Skin corrosion/irritation

Animal data Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Oedema score: No oedema (0). Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 mL, , Rabbit Not irritating.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Weight of evidence.

Genotoxicity - in vivo DNA damage and/or repair: Negative. Read-across data.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 781 mg/kg/day, Dermal, Rat

Benzyl acetate

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LD₅₀ >0.766 mg/l, Inhalation, Rat

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Oedema score: No oedema (0). Fully reversible within 72 hours. Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Fully reversible within 72 hours. Not irritating.

Skin sensitisation

Skin sensitisation - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Chromosome aberration: Negative.

Genotoxicity - in vivo DNA damage and/or repair: Negative.

Carcinogenicity

Carcinogenicity NOAEL 1200 mg/kg/day, Oral, Rat NOAEL 300 mg/kg/day, Oral, Mouse

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - development Maternal toxicity: - NOAEL: >1000 mg/kg/day, Oral, Rat

001124100 EXCELLENT POLISH SILICONENVRIJ**Pentyl salicylate****Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ > 5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 5000 mg/kg, Dermal, Rabbit

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 500 ppm, Oral, Rat

Vanillin**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 3,300.0

Species Rat

ATE oral (mg/kg) 3,300.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Animal data Dose: 2000 mg/kg, 24 hours, Rat Erythema/eschar score: No erythema (0).
Oedema score: No oedema (0). Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 100 mg, 8 days, Rabbit Irritating.

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 10000 ppm, Oral, Rat

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ >4640 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >10000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 1 hours, Rabbit Not irritating.

Serious eye damage/irritation

001124100 EXCELLENT POLISH SILICONENVRIJ

| | |
|--|--|
| Serious eye damage/irritation | Dose: 0.1 mL, 7 days, Rabbit Not irritating. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Chromosome aberration: Negative. |
| Genotoxicity - in vivo | Negative. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | - NOAEL 20 mg/kg/day, Oral, Rat F1, P |
| Reproductive toxicity - development | Maternal toxicity: - NOAEL: 50 mg/kg/day, Oral, Rat Developmental toxicity: - NOAEL: 150 mg/kg/day, Oral, Rat |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | NOAEL 150 mg/kg, Oral, Rat |

Cineole

| | |
|--|---|
| <u>Acute toxicity - oral</u> | |
| Acute toxicity oral (LD₅₀ mg/kg) | 4,300.0 |
| Species | Rat |
| Notes (oral LD₅₀) | Read-across data. |
| ATE oral (mg/kg) | 4,300.0 |
| <u>Acute toxicity - dermal</u> | |
| Notes (dermal LD₅₀) | LD ₅₀ >2000 mg/kg, Dermal, Rat Read-across data. |
| <u>Skin corrosion/irritation</u> | |
| Human skin model test | Cell Viability 88.9% 15 minutes Not irritating. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Not irritating. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Local Lymph Node Assay (LLNA) - Mouse: Sensitising. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Bacterial reverse mutation test: Negative. |
| Genotoxicity - in vivo | Gene mutation: Negative. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Screening - NOAEL 600 mg/kg/day, Oral, Rat P |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | NOAEL 600 mg/kg/day, Oral, Rat |

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CoumarinAcute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 293.0

Species Rat

ATE oral (mg/kg) 293.0

Skin corrosion/irritation

Animal data Dose: 0.2 g, 4 hours, Rabbit Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 50 mg, 96 hours, Rabbit Not irritating.

Skin sensitisation

Skin sensitisation Patch test - Human: Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOEC >0.25 %, Oral, Mouse P, F1

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL >138.3 mg/kg/day, Oral, Mouse

(R)-p-mentha-1,8-dieneAcute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat Read-across data.

Skin corrosion/irritation

Animal data Rabbit Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 mL, , Rabbit Not irritating.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Chromosome aberration: Negative.

Genotoxicity - in vivo DNA damage and/or repair: Negative.

Carcinogenicity

Carcinogenicity NOAEL ≥250 - ≤500 mg/kg/day, Oral, Mouse

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IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 825 mg/kg/day, Oral, Rat

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Pin-2(3)-ene**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 3,700.0

Species Rat

ATE oral (mg/kg) 3,700.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Human skin model test Cell Viability 39.6% 15 minutes Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 mL, 8 days, Rabbit Not irritating. Read-across data.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Sensitising. Read-across data.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. Read-across data.

Genotoxicity - in vivo Chromosome aberration: Negative. Read-across data.

Reproductive toxicity

Reproductive toxicity - development Maternal toxicity: - NOAEL: 250 mg/kg/day, Oral, Rat Read-across data.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 200 ppm, Inhalation, Rat

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acetate**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ >10000 mg/kg, Oral, Rat Weight of evidence.

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >20000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 4 hours, Rabbit Not irritating.

001124100 EXCELLENT POLISH SILICONENVRIJ**Serious eye damage/irritation**

Serious eye damage/irritation Dose: 0.1 mL, , Rabbit

Skin sensitisation

Skin sensitisation Human Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Reproductive toxicity

Reproductive toxicity - development Maternal toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat
Embryotoxicity:, Teratogenicity: - NOAEL: 1000 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOEL 15 mg/kg/day, Oral, Rat

Geraniol**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 3,600.0

Species Rat

ATE oral (mg/kg) 3,600.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 mL, 24 hours, Rabbit Causes serious eye damage.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity NOAEL 100 mg/kg/day, Oral, Rat Read-across data.

Reproductive toxicity

Reproductive toxicity - fertility Fertility - NOAEL 300 mg/kg/day, Dermal, Rat P

Reproductive toxicity - development Developmental toxicity:, Maternal toxicity: - NOAEL: 300 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

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STOT - repeated exposure NOEL >550 mg/kg/day, Oral, Rat
NOAEL 300 mg/kg/day, Dermal, Rat

Citronellal**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 2,150.0

Species Rat

ATE oral (mg/kg) 2,150.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2500 - <5000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 24 hours, Rabbit Erythema/eschar score: Well defined erythema (2).
Oedema score: Slight oedema - edges of area well defined by definite raising (2).
Irritating. Weight of evidence.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 mL, 8 days, Rabbit Causes serious eye irritation.

Skin sensitisation

Skin sensitisation Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Carcinogenicity

Carcinogenicity NOAEL 100 mg/kg/day, Oral, Rat Read-across data.

Reproductive toxicity

Reproductive toxicity - fertility Screening - NOAEL 1000 mg/kg/day, Oral, Rat P Read-across data.

Reproductive toxicity - development Developmental toxicity: - NOAEL: 200 mg/kg/day, Oral, Rat Read-across data.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 100 mg/kg/day, Oral, Rat Read-across data.

Linalool**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 2,790.0

Species Rat

ATE oral (mg/kg) 2,790.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,610.0

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| | |
|--|---|
| Species | Rabbit |
| ATE dermal (mg/kg) | 5,610.0 |
| <u>Acute toxicity - inhalation</u> | |
| Notes (inhalation LC₅₀) | LC ₅₀ >3.2 mg/l, Inhalation, Mouse |
| <u>Skin corrosion/irritation</u> | |
| Animal data | Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). Irritating. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Dose: 0.1 mL, , Rabbit Irritating. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Local Lymph Node Assay (LLNA) - Mouse: Sensitising. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Bacterial reverse mutation test: Negative. |
| Genotoxicity - in vivo | Negative. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Screening - NOAEL 365 mg/kg/day, Oral, Rat P |
| Reproductive toxicity - development | Maternal toxicity: - NOAEL: 500 mg/kg/day, Oral, Rat Developmental toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | NOAEL 117 mg/kg/day, Oral, Rat NOAEL 250 mg/kg/day, Dermal, Rat |
| <u>1,4-dioxacycloheptadecane-5,17-dione</u> | |
| <u>Acute toxicity - oral</u> | |
| Notes (oral LD₅₀) | LD ₅₀ >5000 mg/kg, Oral, Rat |
| <u>Acute toxicity - dermal</u> | |
| Notes (dermal LD₅₀) | LD ₅₀ >5000 mg/kg, Dermal, Rabbit |
| <u>Skin corrosion/irritation</u> | |
| Animal data | Dose: 0 - 100%, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). Not irritating. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Dose: 0.1 mL, 72 hours, Rabbit Not irritating. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Bacterial reverse mutation test: Negative. |
| Genotoxicity - in vivo | Negative. |

001124100 EXCELLENT POLISH SILICONENVRIJ**Reproductive toxicity**

Reproductive toxicity - development Maternal toxicity:, Developmental toxicity: - NOEL: 1000 mg/kg/day, Oral, Rat
Read-across data.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 1000 mg/kg/day, Oral, Rat

3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ > 5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 5000 mg/kg, Dermal, Rabbit

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1ml, 7 days, Rabbit Not irritating.

Skin sensitisation

Skin sensitisation Patch test - Human: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Reproductive toxicity

Reproductive toxicity - fertility Screening - NOAEL > 10 mg/kg/day, Oral, Rat F1 Weight of evidence.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 3.55 mg/kg/day, Oral, Rat

Piperonal**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 2,700.0

Species Rat

ATE oral (mg/kg) 2,700.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Animal data Dose: 1.0 mL/100 g, 24 hours, Rat Not irritating. Weight of evidence.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 g, , Rabbit Not irritating.

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Sensitising.

Germ cell mutagenicity

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| | |
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| Genotoxicity - in vitro | Bacterial reverse mutation test: Negative. |
| Genotoxicity - in vivo | Chromosome aberration: Negative. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | Dose level: 0.5 %, Oral, Rat |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Screening - NOAEL 250 mg/kg/day, Oral, Rat P, F1 Weight of evidence. |
| Reproductive toxicity - development | Maternal toxicity: - NOAEL: 125 mg/kg/day, Oral, Rat Read-across data. Developmental toxicity: - NOAEL: >250 mg/kg/day, Oral, Rat Read-across data. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | NOAEL 10000 ppm, Oral, Rat |

[3R-(3 α ,3 α β ,6 α ,7 β ,8 α)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-ol

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit

Skin sensitisation

Skin sensitisation Guinea pig Not sensitising.

1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 920.0

Species Rat

ATE oral (mg/kg) 920.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 7,940.0

Species Rat

ATE dermal (mg/kg) 7,940.0

Skin corrosion/irritation

Animal data Rabbit 4 hours Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 g, 24 hours, Rabbit Slightly irritating.

Skin sensitisation

Skin sensitisation Guinea pig Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Reproductive toxicity

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Reproductive toxicity - development Developmental toxicity: - NOAEL: ≥ 20 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 5 mg/kg/day, Oral, Rat

Thymol**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 980.0

Species Rat

ATE oral (mg/kg) 980.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Animal data Dose: 500 mg, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2).
Oedema score: Slight oedema - edges of area well defined by definite raising (2).
Not fully reversible in 14 days Corrosive.

Serious eye damage/irritation

Serious eye damage/irritation Corrosive to skin. Corrosivity to eyes is assumed.

Skin sensitisation

Skin sensitisation Guinea pig Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Genotoxicity - in vivo Gene mutation: Negative.

Carcinogenicity

Carcinogenicity NOAEL 250 mg/kg/day, Intraperitoneal, Mouse

Reproductive toxicity

Reproductive toxicity - fertility Screening - NOEL 200 mg/kg/day, Oral, Rat P, F1

Reproductive toxicity - development Developmental toxicity:, Maternal toxicity: - NOEL: 200 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 8 mg/kg/day, Oral, Rat

Citronellol**Skin corrosion/irritation**

Animal data Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2).
Oedema score: Slight oedema - edges of area well defined by definite raising (2).
Irritating.

Skin sensitisation

001124100 EXCELLENT POLISH SILICONENVRIJ

| | |
|--|--|
| Skin sensitisation | Local Lymph Node Assay (LLNA) - Mouse: Sensitising. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Gene mutation: Negative. |
| Genotoxicity - in vivo | Chromosome aberration: Negative. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | NOAEL >2000 mg/kg/day, Oral, Rat Read-across data. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Screening - NOAEL 300 mg/kg/day, Dermal, Rat P Read-across data. |
| Reproductive toxicity - development | Developmental toxicity:, Maternal toxicity: - NOAEL: ≥750 mg/kg/day, Oral, Rat |

p-cymene

| | |
|---|---------------------------------|
| <u>Acute toxicity - oral</u> | |
| Acute toxicity oral (LD₅₀ mg/kg) | 4,750.0 |
| Species | Rat |
| ATE oral (mg/kg) | 4,750.0 |
| <u>Acute toxicity - inhalation</u> | |
| Acute toxicity inhalation (LC₅₀ dust/mist mg/l) | 5.16 |
| Species | Rat |
| Notes (inhalation LC₅₀) | 4 hours |
| ATE inhalation (dusts/mists mg/l) | 5.16 |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Ames test: Negative. |
| <u>Aspiration hazard</u> | |
| Aspiration hazard | Aspiration hazard if swallowed. |

7-methyl-3-methylenoocta-1,6-diene

| | |
|---|--|
| <u>Acute toxicity - oral</u> | |
| Notes (oral LD₅₀) | LD ₅₀ >11390 mg/kg, Oral, Rat |
| <u>Acute toxicity - dermal</u> | |
| Notes (dermal LD₅₀) | LD ₅₀ >5000 mg/kg, Dermal, Rabbit |
| <u>Skin corrosion/irritation</u> | |
| Human skin model test | Cell Viability 25.9% 15 minutes Irritating. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Dose: 0.1 mL, , Rabbit Irritating. |

001124100 EXCELLENT POLISH SILICONENVRIJ**Skin sensitisation**

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Chromosome aberration: Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity LOAEL 250 mg/kg/day, Oral, Mouse Carcinogenicity in humans is not expected.

Reproductive toxicity

Reproductive toxicity - fertility One-generation study - NOAEL 300 mg/kg/day, Oral, Rat F1, P

Reproductive toxicity - development Maternal toxicity: - NOAEL: 500 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 250 mg/kg/day, Oral, Mouse

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

p-mentha-1,3-diene**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 1,680.0

Species Rat

ATE oral (mg/kg) 1,680.0

Aspiration hazard

Aspiration hazard Aspiration hazard if swallowed.

SECTION 12: Ecological information**12.1. Toxicity**

Toxicity The product is not believed to present a hazard due to its physical nature.

12.2. Persistence and degradability

Persistence and degradability Volatile substances are degraded in the atmosphere within a few days. The other substances in the product are not expected to be readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product. Exposure to aquatic environment unlikely.

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

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Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Other adverse effects The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Dispose of waste product or used containers in accordance with local regulations

Disposal methods Do not empty into drains. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN No. (ADN) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 5F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

Transport labels



001124100 EXCELLENT POLISH SILICONENVRIJ**14.4. Packing group**

| | |
|-----------------------|------|
| ADR/RID packing group | None |
| IMDG packing group | None |
| ICAO packing group | None |
| ADN packing group | None |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

| | |
|-------------------------|----------|
| EmS | F-D, S-U |
| ADR transport category | 2 |
| Tunnel restriction code | (D) |

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|-----------------------------|--|
| National regulations | Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits. The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824). |
|-----------------------------|--|

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories**EU - EINECS/ELINCS**

None of the ingredients are listed or exempt.

SECTION 16: Other information

001124100 EXCELLENT POLISH SILICONENVRIJ

| | |
|---|---|
| Abbreviations and acronyms used in the safety data sheet | <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>CAS: Chemical Abstracts Service.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>LC50: Lethal Concentration to 50 % of a test population.</p> <p>LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>EC₅₀: 50% of maximal Effective Concentration.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> |
| Classification abbreviations and acronyms | Aerosol = Aerosol |
| Key literature references and sources for data | Source: European Chemicals Agency, http://echa.europa.eu/ |
| Classification procedures according to SI 2019 No. 720 | Aerosol 1 - H222, H229: : Expert judgement. |
| Revision date | 04/02/2022 |
| Revision | 1 |
| SDS number | 3981 |
| Hazard statements in full | <p>H220 Extremely flammable gas.</p> <p>H222 Extremely flammable aerosol.</p> <p>H225 Highly flammable liquid and vapour.</p> <p>H229 Pressurised container: may burst if heated.</p> <p>H280 Contains gas under pressure; may explode if heated.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H361f Suspected of damaging fertility.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p> |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.