



SAFETY DATA SHEET

SLUSH PUPPIE LIQUID CAR AIR FRESHENER - BLUE RASPBERRY

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Compilation date: 05/04/2018

Revision No: 1

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

1.1. Product identifier

Product name: SLUSH PUPPIE LIQUID CAR AIR FRESHENER - BLUE RASPBERRY

Product code: SLP0003

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

Use of substance / mixture: PC3: Air care products. SU 21 - Consumer Uses.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Limited
The Old School House
39 Bengal Street
Manchester
M4 6AF
UK

Tel: 0161 839 5949

Fax: 0161 839 5493

Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Emergency tel: 0161 839 5949 (08:00 - 17:30)
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1B: H317; -: EUH208

Most important adverse effects: Contains geraniol, 2,4-dimethyl-3-cyclohexenecarboxaldehyde, nerol, geranyl acetate, 2-phenylpropionaldehyde, delta damascone. May produce an allergic reaction. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains geraniol, 2,4-dimethyl-3-cyclohexenecarboxaldehyde, nerol, geranyl acetate, 2-phenylpropionaldehyde, delta damascone. May produce an allergic reaction.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

[cont...]

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Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.
P103: Read label before use.
P264: Wash hands thoroughly after handling.
P302+352: IF ON SKIN: Wash with plenty of water/soap.
P501: Dispose of contents/container to Local authority regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|--|--------------------|---------|
| 252-104-2 | 34590-94-8 | Substance with a Community workplace exposure limit. | - | 25-50% |

HEXYL CINNAMAL

| | | | | |
|-----------|----------|---|--|-------|
| 202-983-3 | 101-86-0 | - | Skin Sens. 1B: H317; Aquatic Chronic 2: H411 | 5-10% |
|-----------|----------|---|--|-------|

2-T-BUTYLCYCLOHEXYL ACETATE

| | | | | |
|-----------|---------|---|-------------------------|------|
| 201-828-7 | 88-41-5 | - | Aquatic Chronic 2: H411 | 1-3% |
|-----------|---------|---|-------------------------|------|

ETHYL 3-METHYL-3-PHENYLGLYCIDATE

| | | | | |
|-----------|---------|---|--|------|
| 201-061-8 | 77-83-8 | - | Skin Sens. 1B: H317; Aquatic Chronic 2: H411 | 1-3% |
|-----------|---------|---|--|------|

LINALOOL

| | | | | |
|-----------|---------|---|---------------------|------|
| 201-134-4 | 78-70-6 | - | Skin Sens. 1B: H317 | 1-3% |
|-----------|---------|---|---------------------|------|

4-(P-HYDROXYPHENYL) -2 BUTANONE

| | | | | |
|-----------|-----------|---|--------------------|------|
| 226-806-4 | 5471-51-2 | - | Acute Tox. 4: H302 | 1-3% |
|-----------|-----------|---|--------------------|------|

ETHYL MALTOL

| | | | | |
|-----------|-----------|---|--------------------|------|
| 225-582-5 | 4940-11-8 | - | Acute Tox. 4: H302 | 1-3% |
|-----------|-----------|---|--------------------|------|

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GERANIOL

| | | | | |
|-----------|----------|---|--|-----|
| 203-377-1 | 106-24-1 | - | Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317 | <1% |
|-----------|----------|---|--|-----|

2,4-DIMETHYL-3-CYCLOHEXENECARBOXALDEHYDE

| | | | | |
|-----------|------------|---|--|-----|
| 268-264-1 | 68039-49-6 | - | Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 3: H412 | <1% |
|-----------|------------|---|--|-----|

NEROL

| | | | | |
|-----------|----------|---|---|-----|
| 203-378-7 | 106-25-2 | - | Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1B: H317 | <1% |
|-----------|----------|---|---|-----|

BUTYLATED HYDROXY TOLUENE

| | | | | |
|-----------|----------|---|-------------------------|-----|
| 204-881-4 | 128-37-0 | - | Aquatic Chronic 1: H410 | <1% |
|-----------|----------|---|-------------------------|-----|

GERANYL ACETATE

| | | | | |
|-----------|----------|---|---|-----|
| 203-341-5 | 105-87-3 | - | Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 3: H412 | <1% |
|-----------|----------|---|---|-----|

2-PHENYLPROPIONALDEHYDE

| | | | | |
|-----------|---------|---|---|-----|
| 202-255-5 | 93-53-8 | - | Skin Irrit. 2: H315; Repr. 2: H361f; Eye Irrit. 2: H319; Skin Sens. 1B: H317 | <1% |
|-----------|---------|---|---|-----|

DELTA DAMASCONE

| | | | | |
|-----------|------------|---|---|-----|
| 260-709-8 | 57378-68-4 | - | Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410 | <1% |
|-----------|------------|---|---|-----|

Contains: Contains the following allergens >0.01%:

Benzyl alcohol
Benzyl benzoate
Citronellol
Citral
Geraniol
Hexyl cinnamal
Linalool

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Get medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

[cont...]

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the nose and upper respiratory tract.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. KEEP OUT OF THE REACH OF CHILDREN.

Suitable packaging: Must only be kept in original packaging.

[cont...]

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7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|----------------------|--------------|------------|--------------|
| UK | 308mg/m ³ | - | - | - |

BUTYLATED HYDROXY TOLUENE

| | | | | |
|----|---------------------|---|---|---|
| UK | 10mg/m ³ | - | - | - |
|----|---------------------|---|---|---|

DNEL/PNEC Values

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

| Type | Exposure | Value | Population | Effect |
|------|-----------------------|------------------------|--------------------|----------|
| PNEC | Fresh water | 19mg/l | - | - |
| PNEC | Marine water | 1.9mg/l | - | - |
| PNEC | Fresh water sediments | 70.2 mg/kg | - | - |
| PNEC | Marine sediments | 7.02 mg/kg | - | - |
| PNEC | Soil | 2.74mg/kg | - | - |
| DNEL | Inhalation | 308 mg/m ³ | Workers | Systemic |
| DNEL | Dermal | 283 mg/kg bw/day | Workers | Systemic |
| DNEL | Inhalation | 37.2 mg/m ³ | General Population | Systemic |
| DNEL | Dermal | 121 mg/kg bw/day | General Population | Systemic |

LINALOOL

| Type | Exposure | Value | Population | Effect |
|------|-----------------------|---------------------|------------|--------|
| PNEC | Fresh water | 0.2mg/L | - | - |
| PNEC | Fresh water sediments | 2.22mg/kg sediment | - | - |
| PNEC | Marine water | 0.02mg/L | - | - |
| PNEC | Marine sediments | 0.222mg/kg sediment | - | - |
| PNEC | Soil | 0.327mg/kg soil | - | - |
| PNEC | Food chain | 7.8mg/kg food | - | - |

[cont...]

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| | | | | |
|------|------------|-----------------------|--------------------|----------|
| DNEL | Inhalation | 2.8mg/m ³ | Workers | Systemic |
| DNEL | Dermal | 2.5mg/kg bw | Workers | Systemic |
| DNEL | Dermal | 3mg/cm ² | Workers | Local |
| DNEL | Inhalation | 0.7mg/m ³ | General Population | Systemic |
| DNEL | Dermal | 1.25mg/kg bw | General Population | Systemic |
| DNEL | Dermal | 1.5mg/cm ² | General Population | Local |
| DNEL | Oral | 0.2mg/kg bw | General Population | Systemic |

GERANIOL

| Type | Exposure | Value | Population | Effect |
|------|-----------------------|-------------------------|--------------------|----------|
| DNEL | Inhalation | 161.6mg/m ³ | Workers | Systemic |
| DNEL | Dermal | 12.5mg/kg | Workers | Systemic |
| DNEL | Dermal | 11800µg/cm ² | Workers | Local |
| DNEL | Inhalation | 47.8mg/m ³ | General Population | Systemic |
| DNEL | Dermal | 7.5mg/kg | General Population | Systemic |
| DNEL | Dermal | 11800µg/cm ² | General Population | Local |
| DNEL | Oral | 13.75mg/kg | General Population | Systemic |
| PNEC | Fresh water | 0.011mg/L | - | - |
| PNEC | Fresh water sediments | 0.115mg/kg | - | - |
| PNEC | Marine water | 0.001 mg/L | - | - |
| PNEC | Marine sediments | 0.011mg/kg | - | - |
| PNEC | Soil | 0.017mg/kg | - | - |

NEROL

| Type | Exposure | Value | Population | Effect |
|------|-----------------------|-------------------------|--------------------|----------|
| DNEL | Oral | 5.4 mg/m ³ | Workers | Systemic |
| DNEL | Dermal | 0.76 mg/kg bw/day | Workers | Systemic |
| DNEL | Dermal | 133 µg/cm ² | Workers | Local |
| DNEL | Oral | 0.38 mg/kg bw/day | General Population | Systemic |
| PNEC | Fresh water | 7.45 µg/L | - | - |
| PNEC | Marine water | 0.745 µg/L | - | - |
| PNEC | Fresh water sediments | 133 µg/kg sediment d | - | - |
| PNEC | Marine sediments | 13.3 µg/kg sediment | - | - |
| PNEC | Soil | 22.3 µg/kg soil dw | - | - |

BUTYLATED HYDROXY TOLUENE

| Type | Exposure | Value | Population | Effect |
|------|-------------|--------|------------|--------|
| PNEC | Fresh water | 4 µg/L | - | - |

[cont...]

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| | | | | |
|------|-----------------------|-----------|--------------------|----------|
| PNEC | Marine water | 0.4 µg/L | - | - |
| PNEC | Fresh water sediments | 1.29mg/kg | - | - |
| PNEC | Soil | 1.04mg/kg | - | - |
| DNEL | Inhalation | 5.8mg/m3 | Workers | Systemic |
| DNEL | Dermal | 8.3mg/kg | Workers | Systemic |
| DNEL | Inhalation | 1.74mg/m3 | General Population | Systemic |
| DNEL | Dermal | 5mg/kg | General Population | Systemic |

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: No special requirements under normal conditions of use.

Hand protection: No special requirements under normal conditions of use.

Eye protection: No special requirements under normal conditions of use.

Skin protection: No special requirements under normal conditions of use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Purple

Odour: Characteristic odour

Solubility in water: Miscible

Flash point°C: 60 - 93

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

[cont...]

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10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

| | | | | |
|---------|-----|--------|--------|-------|
| DERMAL | RBT | LD50 | >20000 | mg/kg |
| ORAL | RAT | LD50 | >5000 | mg/kg |
| VAPOURS | RAT | 7H LC0 | >275 | ppm |

ETHYL 3-METHYL-3-PHENYLGLYCIDATE

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RAT | LD50 | >2000 | mg/kg |
| ORAL | RAT | LD50 | 5470 | mg/kg |

LINALOOL

| | | | | |
|---------|-----|------|------|-------|
| DERMAL | RBT | LD50 | 5610 | mg/kg |
| ORAL | MUS | LD50 | 2200 | mg/kg |
| ORAL | RAT | LD50 | 2790 | mg/kg |
| VAPOURS | MUS | LC50 | >3.2 | mg/l |

GERANIOL

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RAT | LD50 | >5000 | mg/kg |
| ORAL | RAT | LD50 | 3600 | mg/kg |

2,4-DIMETHYL-3-CYCLOHEXENECARBOXALDEHYDE

| | | | | |
|------|-----|------|-------|-------|
| ORAL | RAT | LD50 | >2000 | mg/kg |
|------|-----|------|-------|-------|

NEROL

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | >5000 | mg/kg |
| ORAL | RAT | LD50 | 4500 | mg/kg |

BUTYLATED HYDROXY TOLUENE

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RAT | LD50 | >2000 | mg/kg |
| ORAL | RAT | LD50 | 2450 | mg/kg |

[cont...]

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GERANYL ACETATE

| | | | | |
|--------|-----|------|------|-------|
| DERMAL | RBT | LD50 | >6 | mL/kg |
| ORAL | RAT | LD50 | 6330 | mg/kg |

2-PHENYLPROPIONALDEHYDE

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | >5000 | mg/kg |
| ORAL | RAT | LD50 | 2800 | mg/kg |

Relevant hazards for product:

| Hazard | Route | Basis |
|--------------------------------|-------|-----------------------|
| Serious eye damage/irritation | OPT | Hazardous: calculated |
| Respiratory/skin sensitisation | - | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the nose and upper respiratory tract.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

| | | | |
|--|----------|--------|------|
| BROWN SHRIMP (<i>Crangon crangon</i>) | 96H LC50 | >10000 | mg/l |
| Daphnia magna | 48H EC50 | 1919 | mg/l |
| FATHEAD MINNOW (<i>Pimephales promelas</i>). | 96H LC50 | >10000 | mg/l |

ETHYL 3-METHYL-3-PHENYLGLYCIDATE

| | | | |
|--|----------|-----|------|
| RAINBOW TROUT (<i>Oncorhynchus mykiss</i>) | 96H LC50 | 4.2 | mg/l |
|--|----------|-----|------|

LINALOOL

| | | | |
|--|----------|------|------|
| Daphnia magna | 48H EC50 | 59 | mg/l |
| RAINBOW TROUT (<i>Oncorhynchus mykiss</i>) | 96H LC50 | 27.8 | mg/l |

GERANIOL

| | | | |
|-------------------------|-----------|------|------|
| Daphnia magna | 48H EC50 | 10.8 | mg/l |
| Desmodesmus subspicatus | 72H ErC50 | 13.1 | mg/l |

[cont...]

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| | | | |
|-------------------------------|-----------|------|------|
| ZEBRAFISH (Brachydanio rerio) | 96H LC0 | 10 | mg/l |
| ZEBRAFISH (Brachydanio rerio) | 96H LC100 | 46.4 | mg/l |
| ZEBRAFISH (Brachydanio rerio) | 96H LC50 | 22 | mg/l |

NEROL

| | | | |
|-------------------------------|----------|------|------|
| Daphnia magna | 48H EC50 | 32.4 | mg/l |
| ZEBRAFISH (Brachydanio rerio) | 96H LC50 | 20 | mg/l |

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| (Q)SAR | 96H LC50 | 0.199 | mg/l |
| Daphnia magna | 48H EC50 | 0.48 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Miscible with water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with Local Authority Regulations.

Disposal of packaging: Disposal should be in accordance with Local Authority Regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

[cont...]

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Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H361f: Suspected of damaging fertility.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

