



SHADES - CITRUS SQUEEZE

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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Version: 10.0

SHADES - CITRUS SQUEEZE

KSH3

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

1.1. Product identifier

Product form : Mixture
Product name : SHADES - CITRUS SQUEEZE
Product code : KSH3
Type of product : Aerosol
Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : air freshener

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SELDEN RESEARCH LIMITED STADEN LANE BUSINESS PARK, STADEN LANE, BUXTON, DERBYSHIRE, SK17 9RZ, UNITED KINGDOM
Tel: 01298 26226 Fax: 01298 26540 Email: sales@selden.co.uk

1.4. Emergency telephone number

Emergency number : Mon to Fri 8.30am to 5.00pm - 01298 26226

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol 1 H222;H229

Full text of H-phrases: see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Danger
Hazard statements (CLP) : H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
Precautionary statements (CLP) : 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/122 °F
EUH phrases : EUH208 - Contains (R)-p-mentha-1,8-diene, d-limonene. May produce an allergic reaction

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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| Name | Product identifier | % | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|--------|--|---|
| propane substance with national workplace exposure limit(s) (DK, IE) | (CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 | 5 - 15 | F+; R12 | Flam. Gas 1, H220 |
| butane substance with national workplace exposure limit(s) (DK, GB, IE) | (CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0 | 5 - 15 | F+; R12 | Flam. Gas 1, H220 Press. Gas |
| propan-2-ol, isopropyl alcohol, isopropanol | (CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0 (REACH-no) 01-2119457558-25 | 1 - 5 | F; R11 Xi; R36 R67 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

Full text of R- and H-phrases: see section 16

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

| | |
|---------------------------------------|--|
| First-aid measures general | : Get medical advice/attention if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash with plenty of soap and water. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention. |

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

| | |
|--------------------------------------|---|
| Symptoms/injuries | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/injuries after inhalation | : May cause respiratory irritation. |
| Symptoms/injuries after skin contact | : Repeated exposure may cause skin dryness or cracking. |
| Symptoms/injuries after eye contact | : Causes eye irritation. |
| Symptoms/injuries after ingestion | : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. |

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

| | |
|------------------|-----------------------------------|
| Fire hazard | : Extremely flammable aerosol. |
| Explosion hazard | : Explosion risk in case of fire. |

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Collect spillage. |
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. |

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use.

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Precautions for safe handling : Do not spray on an open flame or other ignition source.
 Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.
 Storage conditions : Keep away from ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 Incompatible products : Oxidizing agent. Strong acids. Strong bases.
 Incompatible materials : Direct sunlight. Heat sources. Sources of ignition.
 Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

| propane (74-98-6) | | |
|--|--|--|
| Denmark | Local name | Propan |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 1800 mg/m ³ |
| Denmark | Grænseværdie (langvarig) (ppm) | 1000 ppm |
| Ireland | Local name | Propane |
| Ireland | OEL (8 hours ref) (ppm) | 1000 ppm |
| Ireland | Notes (IE) | Asphx |
| propan-2-ol, isopropyl alcohol, isopropanol (67-63-0) | | |
| Denmark | Local name | Isopropylalkohol (2005) |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 490 mg/m ³ |
| Denmark | Grænseværdie (langvarig) (ppm) | 200 ppm |
| Germany | TRGS 900 Limitation of exposure peaks (mg/m ³) | 1000 mg/m ³ |
| Ireland | Local name | Isopropyl alcohol |
| Ireland | OEL (8 hours ref) (ppm) | 200 ppm |
| Ireland | OEL (15 min ref) (ppm) | 400 ppm |
| Ireland | Notes (IE) | Sk |
| Netherlands | Grenswaarde TGG 8H (mg/m ³) | 650 mg/m ³ |
| Netherlands | Grenswaarde TGG 15MIN (mg/m ³) | 0 mg/m ³ |
| United Kingdom | Local name | Propan-2-ol |
| United Kingdom | WEL TWA (mg/m ³) | 999 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 400 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 1250 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 500 ppm |
| butane (106-97-8) | | |
| Denmark | Local name | n-Butan |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 1200 mg/m ³ |
| Denmark | Grænseværdie (langvarig) (ppm) | 500 ppm |
| Ireland | Local name | Butane |
| Ireland | OEL (8 hours ref) (ppm) | 1000 ppm |
| United Kingdom | Local name | Butane |
| United Kingdom | WEL TWA (mg/m ³) | 1450 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 600 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 1810 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 750 ppm |
| United Kingdom | Remark (WEL) | Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene) |

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8.2. Exposure controls

| | |
|-----------------------------------|--|
| Materials for protective clothing | : Not required for normal conditions of use |
| Hand protection | : In case of repeated or prolonged contact wear gloves |
| Eye protection | : Not required for normal conditions of use |
| Skin and body protection | : Not required for normal conditions of use |
| Respiratory protection | : Not required for normal conditions of use |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------|
| Physical state | : Liquid |
| Appearance | : Aerosol. |
| Colour | : Colourless. |
| Odour | : sharp. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 0,81 |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Direct sunlight. Heat. Open flame.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|---------------------------|------------------|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Not classified |

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| | |
|--|------------------|
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |

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| | |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

SECTION 12: Ecological information**12.1. Toxicity****propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)**

| | |
|--------------------------------|------------------------------------|
| LC50 fishes 1 | 9640 mg/l |
| EC50 other aquatic organisms 1 | 13299 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | > 1000 mg/l IC50 algea (72 h) mg/l |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential**propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)**

| | |
|---------|------|
| Log Pow | 0,14 |
|---------|------|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste disposal recommendations : Do not pierce or burn, even after use.

SECTION 14: Transport information

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

14.1. UN number

| | |
|---------------|--------|
| UN-No. (ADR) | : 1950 |
| UN-No. (IMDG) | : 1950 |
| UN-No.(IATA) | : 1950 |

14.2. UN proper shipping name

| | |
|---------------------------------------|------------------------------|
| Proper Shipping Name (ADR) | : AEROSOLS |
| Proper Shipping Name (IMDG) | : AEROSOLS |
| Proper Shipping Name (IATA) | : AEROSOLS, FLAMMABLE |
| Transport document description (ADR) | : UN 1950 AEROSOLS, 2.1, (D) |
| Transport document description (IMDG) | : UN 1950 AEROSOLS, 2.1 |

14.3. Transport hazard class(es)**ADR**

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



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IMDG

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

**IATA**

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

**14.4. Packing group**

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

14.5. Environmental hazards

Dangerous for the environment : No
 Marine pollutant : No
 Other information : No supplementary information available

14.6. Special precautions for user**- Overland transport**

Classification code (ADR) : 5F
 Special provisions (ADR) : 190, 327, 344, 625
 Limited quantities (ADR) : 1L
 Excepted quantities (ADR) : E0
 Packing instructions (ADR) : P207, LP02
 Special packing provisions (ADR) : PP87, RR6, L2
 Mixed packing provisions (ADR) : MP9
 Transport category (ADR) : 2
 Special provisions for carriage - Packages (ADR) : V14
 Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12
 Special provisions for carriage - Operation (ADR) : S2
 Tunnel restriction code (ADR) : D

- Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959
 Limited quantities (IMDG) : SP277
 Excepted quantities (IMDG) : E0
 Packing instructions (IMDG) : P207, LP02
 Special packing provisions (IMDG) : PP87, L2
 EmS-No. (Fire) : F-D
 EmS-No. (Spillage) : S-U
 Stowage category (IMDG) : None

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- Air transport

| | |
|--|--------------------|
| PCA Excepted quantities (IATA) | : E0 |
| PCA Limited quantities (IATA) | : Y203 |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| PCA packing instructions (IATA) | : 203 |
| PCA max net quantity (IATA) | : 75kg |
| CAO packing instructions (IATA) | : 203 |
| CAO max net quantity (IATA) | : 150kg |
| Special provisions (IATA) | : A145, A167, A802 |
| ERG code (IATA) | : 10L |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code : Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

Contains no substances with Annex XVII restrictions
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

15.1.2. National regulations**Germany**

VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

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

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

| | |
|--------------|--|
| Aerosol 1 | Aerosol, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Gas 1 | Flammable gases, Category 1 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Press. Gas | Gases under pressure |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H220 | Extremely flammable gas |
| H222 | Extremely flammable aerosol |
| H225 | Highly flammable liquid and vapour |
| H229 | Pressurised container: May burst if heated |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness or dizziness |
| EUH208 | Contains . May produce an allergic reaction |

SDS EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product