

# SAFETY DATA SHEET

## SHADES - CITRUS SQUEEZE (MD)

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

#### 1.1. Product identifier

Product name SHADES - CITRUS SQUEEZE (MD)  
Product number KSD3

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

Identified uses Air Freshener

#### 1.3. Details of the supplier of the safety data sheet

Supplier **SELDEN RESEARCH LIMITED**  
STADEN LANE  
BUXTON  
DERBYSHIRE  
SK17 9RZ  
UNITED KINGDOM  
  
Tel. 01298 26226  
Fax. 01298 26540  
email safety@selden.co.uk

#### 1.4. Emergency telephone number

National emergency telephone number Mon to Fri 8.30am to 5.00pm - 01298 26226

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

##### Physical hazards

Aerosol 1 - H222, H229

##### Health hazards

Eye Irrit. 2 - H319 Skin Sens. 1 - H317

##### Environmental hazards

Aquatic Chronic 2 - H411

##### Classification (67/548/EEC or 1999/45/EC)

R43. F+;R12. N;R51/53.

#### 2.2. Label elements

##### Pictogram



##### Signal word

Danger

##### Hazard statements

H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.  
H319 Causes serious eye irritation.  
H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated

##### Precautionary statements

## SHADES - CITRUS SQUEEZE (MD)

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P273 Avoid release to the environment.

P280 Wear protective gloves, eye and face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

LIMONENE, TURPENTINE, OIL, 2,6-octadien,3,7-dimethyl, acetate

### Contains

### 2.3. Other hazards

PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>BUTANE</b>	<b>30-60%</b>
CAS number: 106-97-8 EC number: 203-448-7	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Gas 1 - H220	F+;R12
Press. Gas, Liquefied - H280	
<b>PROPAN-2-OL</b>	<b>10-30%</b>
CAS number: 67-63-0 EC number: 200-661-7	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
<b>LIMONENE</b>	<b>1-5%</b>
CAS number: 138-86-3 EC number: 205-341-0	
<b>M factor (Chronic) = 1</b>	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	R10 R43 Xi;R38 N;R50/53
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 1 - H410	

## SHADES - CITRUS SQUEEZE (MD)

### TURPENTINE, OIL

<1%

CAS number: 8006-64-2 EC number: 232-350-7

#### Classification

Flam. Liq. 3 - H226  
Acute Tox. 4 - H302  
Acute Tox. 4 - H312  
Acute Tox. 4 - H332  
Skin Irrit. 2 - H315  
Eye Irrit. 2 - H319  
Skin Sens. 1 - H317  
Asp. Tox. 1 - H304  
Aquatic Chronic 2 - H411

#### Classification (67/548/EEC or 1999/45/EC)

R10 Xn;R20/21/22,R65 R43 Xi;R36/38 N;R51/53

### 2,6-octadien,3,7-dimethyl, acetate

<1%

CAS number: 16409-44-2 EC number: 240-458-0

#### Classification

Skin Irrit. 2 - H315  
Skin Sens. 1B - H317  
Aquatic Chronic 3 - H412

#### Classification (67/548/EEC or 1999/45/EC)

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

#### Inhalation

Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately. For breathing difficulties oxygen may be necessary.

#### Ingestion

Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

#### Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

#### Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

#### Ingestion

May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

#### Eye contact

May cause severe eye irritation.

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

#### Notes for the doctor

Treat symptomatically.

## SHADES - CITRUS SQUEEZE (MD)

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

#### 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.

#### 5.3. Advice for firefighters

##### **Protective actions during firefighting**

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

##### **Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### **Personal precautions**

For personal protection, see Section 8.

#### 6.2. Environmental precautions

##### **Environmental precautions**

Any spillage needs to be contained and not allowed to enter water courses

#### 6.3. Methods and material for containment and cleaning up

##### **Methods for cleaning up**

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. If leakage cannot be stopped, evacuate area.

#### 6.4. Reference to other sections

##### **Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### **Usage precautions**

Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### **Storage precautions**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

#### 7.3. Specific end use(s)

##### **Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

##### **Usage description**

See product label for detailed usage and instructions.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### **Occupational exposure limits**

## SHADES - CITRUS SQUEEZE (MD)

### BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

### TURPENTINE, OIL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### Ingredient comments

WEL = Workplace Exposure Limits

## 8.2. Exposure controls

### Protective equipment



### Eye/face protection

Eye protection should be considered when changing aerosols in dispensing unit.

### Hand protection

Hand protection not required.

### Other skin and body protection

General workwear only

### Hygiene measures

DO NOT SMOKE IN WORK AREA!

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Aerosol.

#### Colour

Colourless.

#### Odour

Characteristic. Citrus

#### Flash point

- 74°C

#### Upper/lower flammability or explosive limits

: 1.8

#### Relative density

<1 @ °C

#### Solubility(ies)

Soluble in water.

#### Auto-ignition temperature

+ 405°C

#### Comments

Information given relates to total aerosol container contents.

### 9.2. Other information

## SHADES - CITRUS SQUEEZE (MD)

### Other information

None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

May react with other cleaning chemicals. For specific reactions refer to Section 10.5

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures. Avoid the following conditions: Shocks and physical damage.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Increase in temperature to greater than 50 degrees will cause rise in internal pressure with likelihood of bursting/explosion.

### 10.5. Incompatible materials

#### Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological effects

No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.

#### Inhalation

Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

#### Ingestion

May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.

#### Skin contact

Prolonged or repeated exposure may cause severe irritation. Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. May cause allergic contact eczema.

#### Eye contact

May cause severe eye irritation.

## SECTION 12: Ecological Information

#### Ecotoxicity

Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

### 12.1. Toxicity

Aquatic toxicity has not been carried out on this product. Data for raw materials contained in this product, when available, can be provided when necessary.

### 12.2. Persistence and degradability

#### Persistence and degradability

The product is biodegradable.

### 12.3. Bioaccumulative potential

## SHADES - CITRUS SQUEEZE (MD)

The product does not contain any substances expected to be bioaccumulating.

### 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

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

### 12.6. Other adverse effects

None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### **Disposal methods**

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.

## **SECTION 14: Transport information**

**General** Derogation for Limited Quantities may be applicable to appropriate pack sizes, please check relevant modal legislation.

### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS, FLAMMABLE
Proper shipping name (IMDG)	AEROSOLS, FLAMMABLE
Proper shipping name (ICAO)	AEROSOLS, FLAMMABLE
Proper shipping name (ADN)	AEROSOLS, FLAMMABLE

### 14.3. Transport hazard class(es)

ADR/RID class	2
IMDG class	2.1
ICAO class/division	2.1

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### **Environmentally hazardous substance/marine pollutant**

Product is  
Environmentally  
Hazardous but  
is not a Marine  
Pollutant.

### 14.6. Special precautions for user

**Tunnel restriction code** (D)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SHADES - CITRUS SQUEEZE (MD)

Not applicable.

### SECTION 15: Regulatory information

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

##### **National regulations**

Control of Substances Hazardous to Health Regulations 2002 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

##### **EU legislation**

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

##### **Guidance**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

#### 15.2. Chemical safety assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture.

### SECTION 16: Other information

#### **General information**

The following risk phrases relate to the raw materials in the product and not the product itself:-

#### **Revision comments**

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

**Revision date** 27/04/2015

**Revision** 2

#### **Risk phrases in full**

R10 Flammable.  
R11 Highly flammable  
R12 Extremely flammable.  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R36 Irritating to eyes.  
R36/38 Irritating to eyes and skin.  
R38 Irritating to skin.  
R43 May cause sensitisation by skin contact.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R67 Vapours may cause drowsiness and dizziness.

#### **Hazard statements in full**

## SHADES - CITRUS SQUEEZE (MD)

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H229 Pressurised container: may burst if heated
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- 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.